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62.93 1917

MANN'S DESCRIPTIVE CATALOGUE

GUIDE FOR THE FARM AND GARDEN

1917

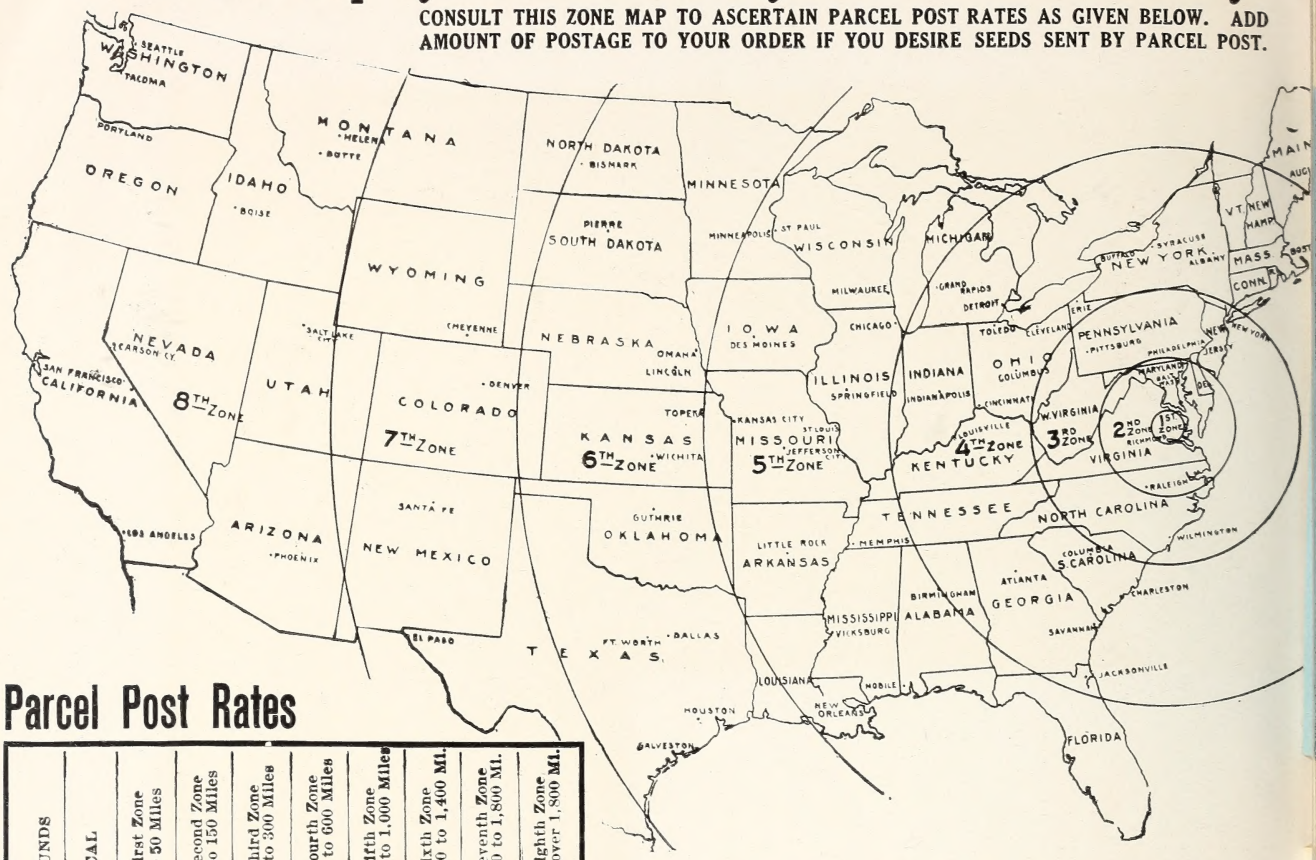
HIGH GRADE SEEDS

P. MANN & CO.,

207 7TH St. N.W. Opp. Centre Market, WASHINGTON, D.C.

We Ship by Parcel Post anywhere in this Country

CONSULT THIS ZONE MAP TO ASCERTAIN PARCEL POST RATES AS GIVEN BELOW. ADD AMOUNT OF POSTAGE TO YOUR ORDER IF YOU DESIRE SEEDS SENT BY PARCEL POST.



Parcel Post Rates

POUNDS	LOCAL	First Zone 1 to 50 Miles	Second Zone 50 to 150 Miles	Third Zone 150 to 300 Miles	Fourth Zone 300 to 600 Miles	Fifth Zone 600 to 1,000 Miles	Sixth Zone 1,000 to 1,400 Mi.	Seventh Zone 1,400 to 1,800 Mi.	Eighth Zone All over 1,800 Mi.
1	$.05	$.05	$.05	$.06	$.07	$.08	$.09	$.11	$.12
2	.06	.06	.06	.08	.11	.14	.17	.21	.24
3	.06	.07	.07	.10	.15	.20	.25	.31	.36
4	.07	.08	.08	.12	.19	.26	.33	.41	.48
5	.07	.09	.09	.14	.23	.32	.41	.51	.60
6	.08	.10	.10	.16	.27	.38	.49	.61	.72
7	.08	.11	.11	.18	.31	.44	.57	.71	.84
8	.09	.12	.12	.20	.35	.50	.65	.81	.96
9	.09	.13	.13	.22	.39	.56	.73	.91	1.08
10	.10	.14	.14	.24	.43	.62	.81	1.01	1.20
11	.10	.15	.15	.26	.47	.68	.89	1.11	1.32
12	.11	.16	.16	.28	.51	.74	.97	1.21	1.44
13	.11	.17	.17	.30	.55	.80	1.05	1.31	1.56
14	.12	.18	.18	.32	.59	.86	1.13	1.41	1.68
15	.12	.19	.19	.34	.63	.92	1.21	1.51	1.80
16	.13	.20	.20	.36	.67	.98	1.29	1.61	1.92
17	.13	.21	.21	.38	.71	1.04	1.37	1.71	2.04
18	.14	.22	.22	.40	.75	1.10	1.45	1.81	2.16
19	.14	.23	.23	.42	.79	1.16	1.53	1.91	2.28
20	.15	.24	.24	.44	.83	1.22	1.61	2.01	2.40
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NOTES ABOUT PARCEL POST

Poisons cannot be sent by mail

Weight limit in first and second zones 50 lbs.; in other zones 20 lbs.

Bulk limit (measurement around package both ways) in all zones 72 inches.

Liquids and goods packed in glass should be sent by express.

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FROM

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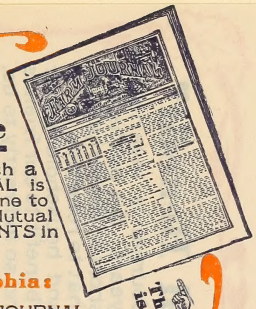
P. MANN & CO.

207 Seventh Street, N. W.

Washington, D. C.



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Messrs. P. MANN & CO. give no warranty, express or implied, as to description, purity, productiveness, or any other matter of any seeds or bulbs they send out, and they will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms they are at once to be returned.

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Ship order by_____

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Postal Money Order, $_____

Express Money Order, _____

Draft, _____

Currency, _____

Postage Stamps, _____

Date_____ 19

QUANTITY	ARTICLES WANTED	PRICE

SPECIAL NOTICE We shall esteem it a great favor if you will give us in the spaces below the NAMES and ADDRESSES of any of your friends who buy seeds. We wish to send them our SEED ANNUAL.

NAMES	POST-OFFICE	STATE

Remarks to Purchasers

Read Carefully Before Ordering

Name and Address. Write your Name, Post Office, County and State as distinctly as possible. Some orders reach us which give neither name nor location. In such cases it is impossible for us to fill orders until we again hear from the senders.

Use the Order Sheet. Make out your list of requirements consecutively in the order as given in the Catalogue, placing the quantity wanted before the article, and the price of the same in the column to the right; and always keep a copy of your orders.

Correspondence should not be intermingled with the body of the order, but written at the bottom of the Order Sheet or on a separate sheet of paper.

Remittances. The safest method of sending money is by Post-Office Orders. Where they are not obtainable, it can be sent by Express Money Orders, Registered Letter, or Draft on New York. For small amounts, postage stamps will be acceptable.

When the Remittance is not sufficient to pay for the quantity of seeds ordered, we will reduce the quantity to correspond with the remittance.

Errors. All possible precautions are taken to avoid their occurrence. Notify us at once if your order is not properly filled, and we will promptly make the necessary corrections.

Substitutions. As the season advances some stocks of seeds are exhausted, so it is advisable when late orders are sent to name a few substitutes. We make substitution only when requested to do so, sending varieties that will as fully cover the indicated wants as our stock will permit. If not so instructed, the remittance will be refunded.

Send us Your Order as Early as Possible. It will facilitate its prompt execution, and you will have your seed when you are ready to plant.

Parcel Post. Seeds and bulbs can now be sent by parcel post at the same rates as general merchandise. See inclosed table of parcel post rates for all zones.

Seeds by Express. Seeds can now be forwarded at 20 per cent. less than merchandise rates; a saving to the buyer of one-fifth over previous rates.

Shipments by Freight. Seeds in bulk, implements and other heavy goods are shipped by freight, and unless there is a freight agent at point of destination, the freight must be prepaid; the purchaser advances the same, unless otherwise arranged.

Catalogues are sent free to all our customers of the past year. Should any change their place of residence, we desire to be informed, that we may correct the address when making their first annual purchase; this will insure their receiving catalogues, the following year by mail. Many of our patrons who desire our catalogues fail to receive them because their post-office address is unknown to us.

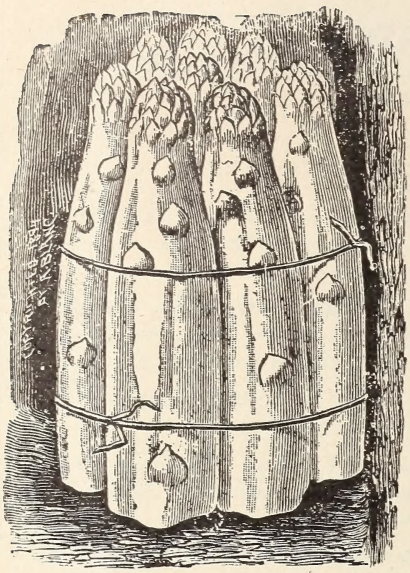
Non-Warranty. We do not warrant in any way, expressed or implied, the contents or description, quality, productiveness, or any other matter of any seeds, bulbs or plants sold by us, and we will not be in any way responsible for the crop. If the purchaser does not accept goods on the above terms, no sale is made thereof, and he must return them at once and money will be refunded. We make all sales, at the prices quoted in this catalogue, subject to the above conditions.

P. MANN & CO.

207 Seventh Street, N. W.

WASHINGTON, D. C.

ESTABLISHED SINCE 1869



Palmetto Asparagus

ASPARAGUS

One ounce will sow 50 feet of drill; 4 to 5 pounds to the acre.

CULTURE.—Sow in April or May, in rows 1 foot apart, and keep clean by frequent hoeing. When two years old transplant into permanent beds, which should be well and deeply manured, and trenched to the depth of 18 inches. On the approach of winter, cover with manure or compost; fork the beds early in spring and apply a dressing of salt or kainit at the rate of 600 pounds an acre. Cut for use the second year after planting.

PALMETTO.—A very early maturing and prolific variety, producing an abundance of very large, deep green shoots of the best quality. SEED—Packet, 5c. Ounce, 10c. ¼ pound, 20c. Pound 60c. ROOTS—75c. per 100. $5.00 per 1000.

CONOVER'S COLOSSAL.—This sort is one of the largest and most extensively used green varieties. Shoots bright green, sometimes tinged with purple at the top, very tender and of the best quality. SEED—Packet, 5c. Ounce, 10c. ¼ pound, 20c. Pound, 60c. ROOTS—75c. per 100. $5.00 per 1000.

COLUMBIAN MAMMOTH WHITE.—Introduced by us in 1893. Furnishes shoots of exceptionally large size and of superior tenderness and flavor. Color clear white until four to six inches above the surface. A large proportion of the seeds will produce white shoots and the green ones can be easily rejected when setting out the permanent bed. SEED—Packet, 5c. Ounce, 10c. ¼ pound, 25c. Pound, 75c. ROOTS—85c. per 100. $6.00 per 1000.

ASPARAGUS KNIVES.—30c. each. By mail, 40c. each.

BEANS—Dwarf or Bush—Green Pod Krup-Bohnen, Ger.

Prices Subject to Change Without Notice. One Quart Will Plant 100 Feet of Drill

CULTURE.—Dwarf Beans may not be safely planted until the middle of April; owing to the late frost, but may be planted thereafter as desired, until the middle of August.

Select high, rich soil, make drills two feet apart, drop beans along the rows and cover with earth. Hoe often to keep earth to the stems.

IMPROVED EXTRA EARLY RED VALENTINE.—Is the favorite sort for growers who supply the early markets, because its growth is so rapid, and because it stands shipment perfectly. It is a heavy cropper, and ready to pick in about forty days. Pint, 20c. Quart, 40c. Peck, $2.50. Bushel, $9.00.

KING OF THE EARLIES.—Possesses all the merits of the Red Valentine, and in addition has other valuable points. The pod is fully one-third longer than the Red Valentine and is perfectly round and straight; of a beautiful green color. Quart, 40c. Peck, $2.50. Bushel, $9.00.

EXTRA EARLY REFUGEE.—The pods are flashy and of fine quality; very hardy. Quart, 40c. Peck, $2.50. Bushel, $9.00.

NEW BOUNTIFUL.—A new greenpod Bush Bean, which comes into bearing very early and continues almost throughout the season. Absolutely stringless; good shell bean for winter use. Quart, 40c. Peck, $2.50. Bushel, $9.00.

BURPEE'S STRINGLESS GREEN POD.—This new bean produces a vine similar to Red Valentine, but develops pods to edible condition two or three days earlier than Valentine; that is to say, in thirty to thirty-one days from germination, which extraordinary maturity for table at once advances the Stringless Green Pod to the first rank among table beans. Pint, 25c. Quart, 50c. Peck, $3.00. Bushel, $12.00.

Improved Red Valentine

DWARF HORTICULTURAL.—Large, green pods, splashed with carmine. Excellent either as snaps in the green state, or shelled green or dry. In this neighborhood is one of the very best selling beans on the market. Pint, 25c. Quart, 50c. Peck, $3.00. Bushel, $10.00.

WHITE PEA OR NAVY.—Boston Baking Bean. Price per quart, 30c. Peck, $2.25. Bushel, $8.00.

If beans are ordered by mail or express prepaid, add 6c. per pint, 8c. per quart, for charges.

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

WAX SNAP OR BUSH BEANS

PENCIL POD BLACK WAX.—Pencil Pod Black Wax grows a taller, stronger and more vigorous bush than the Improved Prolific Black Wax, which is one of its parents. The other parent is the Round Pod Refugee or Thousand to One, and from this latter source the Pencil Pod Black Wax gets much of its vigor, hardiness and productiveness. Pint, 25c. Quart, 50c. Peck, $3.00. Bushel, $12.00.

DAVIS KIDNEY WAX.—An excellent rust-proof market bean. One of the main points of its superiority over other sorts is its extreme hardiness and excellent keeping qualities. The dry bean is white Pint, 25c. Quart, 60c. Peck, $3.25. Bushel, $13.00.

DWARF GERMAN WAX.—One of the finest Snap-shorts, and the oldest of the wax varieties; pods transparent, waxy yellow, and snap like pipe-stems; boil as rich as butter, and when highly seasoned are luscious; they are thick and very tender, entirely stringless, and fully as early as the Valentine. Pint, 25c. Quart, 50c. Peck, $3.00. Bushel, $12.00.

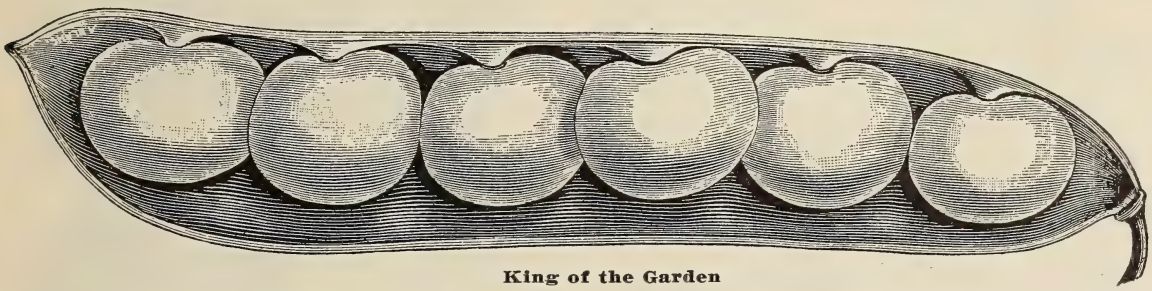
IMPROVED GOLDEN WAX.—(Rust-proof.)—This variety, the pods of which are of a dark, rich golden-yellow color, is rapidly surpassing the famous Golden Wax, which has been the most popular and most desirable of all Wax varieties. Pint, 25c. Quart, 50c. Peck, $3.00. Bushel, $12.00.

CURRIE'S RUST-PROOF.—Pods long, flat and straight, of a beautiful golden color. Price, per Pint, 25c. Quart, 50c. Peck, $3.00. Bushel, $12.00.

HODSON WAX.—A new and distinct type of wax bean; strong, healthy growth, and resists rusts and blight to a remarkable degree. Remarkably prolific, the plant being loaded with long, straight, handsome pods, resembling the Wardwell's Kidney Wax, but plumper, straighter and longer. Pint, 25c. Quart 50c. Peck, $3.00. Bushel, $12.00.

POLE BEANS

Stangen Bohen, Ger. **1 qt. to 150 hills**



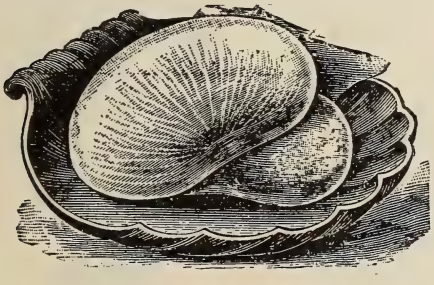
King of the Garden

LAZY WIFE'S POLE BEAN.—The pods grow from six to eight inches long, entirely stringless, of a rich, buttery flavor when cooked. Pods retain their tender, rich flavor until nearly ripe. A good white shell bean for winter use. Quart, 50c. Peck, $4.00. Bushel, $15.50

SPECKLED HORTICULTURAL, OR CHERRY.—Very productive; equally good in green state or when shelled. Quart, 40c. Peck, $2.50. Bushel, $9.00.

KENTUCKY WONDER, OR OLD HOMESTEAD.—We regard this variety as being the most desirable, best and earliest of all the green-podded running beans. Quart, 40c. Peck, $2.50. Bushel, $8.50.

DWARF LIMA BEANS



Fordhook Bush Lima

BURPEE'S IMPROVED BUSH LIMA.—This is claimed by the introducers to be superior to the old standard Burpee's Bush Lima. Grows more vigorous with heavier foliage; matures sixteen days earlier. Beans are larger and of better quality. It is the earliest of the large Bush Limas. Vines are very prolific. Pint, 20c. Quart, 40c. Peck, $2.50. Bushel, $9.00.

DREER'S BUSH LIMA.—Possesses all the good qualities of the Dreer's Improved Pole Lima, which has long been admitted to be one of the best quality. It is of true bushy habit, growing vigorously about two feet high. Quart, 40c. Peck, $2.00. Bushel, $8.00.

FORDHOOK'S BUSH LIMA BEAN.—The only stiff erect bush form of the Potato Lima. Both pods and beans are twice the size of the Kemerle or Dreer's Bush Lima. Quart, 40c. Peck, $2.50. Bushel, $9.00.

POLE LIMA BEANS

SEIBERT'S EARLY LIMA.—Extra early, vigorous growth and productive. Pods long and well filled. Beans large and handsome. Gives entire satisfaction wherever grown. Quart, 30c. Peck, $2.00. Bushel, $6.50.

DREER'S IMPROVED POLE LIMA.—The distinctive features of this are the early maturity, large yield, and extra quality. The bean itself is thick and round, rather than oval-shaped, as most Limas are. Quart, 30c. Peck, $2.00. Bushel, $7.50.

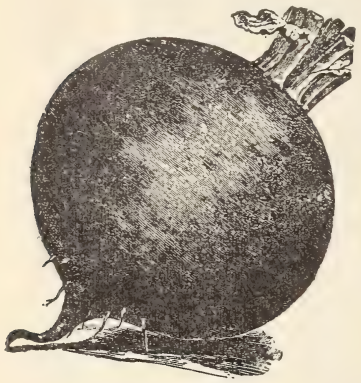
CARPINTERIA POLE LIMA.—A new variety, producing beans of largest size, with a greenish tint, which is so much desired both for market and family use. The beans are of the very finest quality, thin skin, extra tender, and of the finest flavor. Vines vigorous, strong, very productive, pods 5 to 6 inches long, closely filled, usually with four to five beans. Splendid for home use or market garden. Pint, 20c. Quart, 35c. Peck, $2.25. Bushel, $7.50

FORD'S MAMMOTH.—The pods grow to an average length of eight inches, are produced in great clusters, with from five to seven beans per pod, of most excellent quality, for using either green or dry. Quart, 30c. Peck, $2.00. Bushel, $7.00.

KING OF THE GARDEN.—Large bean and pod; very heavy cropper. Quart, 30c. Peck, $2.00. Bushel, $700.

GARDEN BEETS

CULTURE.—If wanted very early, sow in hot-beds and transplant. For general use, plant seed as early as ground can be nicely worked, usually about first of April. Sow in drills 1 foot apart, about 1 inch deep, and thin out to 2 inches apart in rows. One ounce of seed to 50 feet of drill; 6 to 8 pounds per acre.



Eclipse Beet

CROSBY'S EGYPTIAN.—This variety is as early as the original Egyptian, but by careful selection has been made thicker, and of better quality. For early use, either for market or for family gardens, this variety easily takes the lead. Packet, 5c. Ounce, 10c. ¼ Pound, 25c. Pound, 75c.

CRIMSON GLOBE.—A second early variety, somewhat oblong in shape, with smooth skin and very dark flesh. Good quality. Packet, 5c. Ounce, 10c. ¼ Pound, 30c. Pound, $1.00.

EARLY ECLIPSE.—Very early, dark red color, small top and free from fibrous roots; will grow without thinning the plants. Packet, 5c. Ounce, 10c. ¼ Pound, 25c. Pound, 75c.

DETROIT DARK RED.—Very early and an excellent keeper. Tops small. Roots dark red and globular in shape. Tender and sweet. Packet, 5c. Ounce, 10c. ¼ Pound, 30c. Pound, 85c.

IMPROVED EARLY BLOOD TURNIP.—An improved variety of the Early Blood Turnip; of deep, blood-red color; fine form and flavor. An excellent market sort. Packet, 5c. Ounce, 10c. ¼ Pound, 25c. Pound, 65c.

EXTRA EARLY BASSANO BEET.—This beet is sometimes called Philadelphia Sugar Beet. Roots large, turnip shape; come very early, and are very sweet and tender; one of the leading varieties in this market; flesh bright light red. Packet, 5c. Ounce, 10c. ¼ Pound, 25c. Pound, 65c.

EDMAND'S TURNIP BLOOD.—Seed grown from originator's choice stock. This variety is thoroughly fixed and uniform in type. The flesh is deep blood-red in color, and exceedingly sweet and tender. It is round, smooth, of good market size, and does not grow over-large. Packet, 5c. Ounce, 10c. ¼ Pound, 20c. Pound, 60c.

SWISS CHARD, OR SLIVER SEA KALE BEET.—The leaves are used as greens in same manner as spinach, and the stems and midribs are often cooked and served as asparagus. Plants should be thinned to about one foot apart in the row. They continue growing until frost, furnishing a supply of the most delicious greens the entire season. Packet, 5c. Ounce, 10c. ¼ Pound, 25c. Pound, 75c.

DEWING'S BLOOD TURNIP.—This medium early table sort is tender, sweet and a good keeper. Tops medium sized; leaf stems and veins dark red; leaves green. Roots dark purplish red, turnip shaped with medium-sized tap. Flesh carmine with purplish tinge, zoned with lighter shade. Packet, 5c. Ounce, 10c. ¼ Pound, 25c. Pound, 75c.

CROSBY'S IMPROVED EGYPTIAN

Very early. Smooth globe shaped. Dark blood red. The name of this variety is misleading, as it resembles the Egyptian only in its extreme earliness. The stock we offer is of a distinct dark red color, which is very attractive, not only in the Beets as pulled, but after they have been cooked. They are also more spherical than the extra early flat Egyptian, and we know of no better quality. One of the best for planting early out of doors. It becomes fit for use sooner than any other variety, and is equally suited for forcing in hotbeds or for transplanting Pkt., 5c.; oz., 15c.; ¼ lb., 30c.; lb., $1.00.

MANGEL WURZEL For Stock

IMPROVED MAMMOTH LONG RED. The heaviest cropping and best long mangel. This mammoth variety grows to an immense size, single roots weighing twenty to thirty pounds each, and always of a very fine texture and good quality. ¼ Pound, 15c. Pound, 50c. Five pounds or more, 45c. a pound.

GOLDEN TANKARD.—A distinct variety, particularly valuable on account of its richness in saccharine matter; highly prized by dairymen for its milk-producing qualities. Deep yellow flesh and skin. ¼ Pound, 15c. Pound, 50c. Five pounds or more, 45c. per pound.

Mammoth Long Red

BROCCOLI (Spargle Kohl.)

Sow thinly in seed beds about the middle of Spring; transplant and cultivate the same as cabbage. Produces heads very nearly like Cauliflower, but more hardy.

EARLY LARGE WHITE.—Heads medium size, close and compact. One of the most certain to head. Packet, 10c. Ounce, 25c. ¼ Pound, 75c.

We can supply all kinds of Vegetable plants in season, such as Tomato, Cabbage, Celery, Sweet Potato, Eggplants, Peppers, Lettuce, etc., by the dozen or hundred.

American-Grown
Selected

CABBAGE

Choux Poenmes, French
Coyf Kohl, Ger.

One ounce will produce about 2,000 plants. One-quarter pound of seed in beds will produce plants for one acre.

CULTURE.—Start your early crop in hot-bed middle of February, covering seed about one-half inch; transplant to cold frames soon as plants are large enough, three or four inches each way. Remove glass part of each day to harden plants and plant out in open ground middle of April. For general crop sow in open ground in June in hills three feet apart.

EARLY VARIETIES, POINTED HEADS

Early Jersey Wakefield

SELECTED JERSEY WAKEFIELD.—Many market gardeners consider this the very best early cabbage in cultivation. Certainly deserving of its great popularity. Grown extensively for market and shipping. Packet, 5c. Ounce, 20c. ¼ Pound, 50c. Pound, $1.75.

COPENHAGEN MARKET.—The earliest large round-headed cabbage yet introduced. The heads are of exceptionally large size for so early a variety. The plant is of vigorous habit but compact, with short stem and few outer leaves which are of rather upright growth. The leaves are medium light green, nearly round, comparatively thick and smooth. The heads are round, very solid and of exceptionally good quality. Its earliness, compact growth, uniformity and size of head, firmness and most excellent quality combine to make Copenhagen Market the most valuable cabbage of recent introduction. We recommend it unreservedly both for the home garden and the market gardening trade. (See cut.) Packet, 10c. Ounce, 30c. ¼ Pound, $1.00. Pound, $3.00.

GLORY OF ENKHUIZEN.—This is a Holland product, and has made good in this country wherever it has been planted. Produces a very heavy crop, is quite early, large and round; always extremely solid and fine-ribbed, excelling in flavor almost all other varieties. It is exceedingly tender and has more of the flavor of the "Savoy" Cabbage than most other sorts; quite dwarf and compact, allowing close planting. Heads ball-shaped and with few outside leaves. Color is a lightish green. Packet, 10c. Ounce, 25c. ¼ Pound, 50c. Pound, $2.00.

LARGE WAKEFIELD, OR CHARLESTON WAKEFIELD.—Selection from Early Jersey Wakefield, only it is about one week later than that popular early variety, but grows much larger, heads often averaging 15 to 18 pounds. Packet, 5c. Ounce, 20c. ¼ Pound, 50c. Pound, $1.75.

EARLY YORK.—A well-known variety; of small size; shape, roundish oval. Packet, 5c. Ounce, 20c. ¼ Pound, 50c. Pound, $1.50.

HENDERSON'S EARLY SPRING.—This variety is nearly as early as the Jersey Wakefield, but the heads are of the round, flat type of Early Summer. It has very small outer leaves, short stem and very small heart, making almost entire head fit for use. Packet, 5c. Ounce, 20c. ¼ Pound, 50c. Pound, $1.75.

HENDERSON'S EARLY SUMMER.—About 10 days later than the Early Wakefield, but being fully double the size, it may be classed as decidedly the best large Early Cabbage, and is deservedly popular with market gardeners. Packet, 5c. Ounce, 20c. ¼ Pound, 50c. Pound, $1.75.

EARLY FLAT DUTCH.—An excellent second early variety, producing fine large heads after the first early varieties have disappeared. Highly valued, both for its fine quality and ability to stand the hot sun and dry weather. Heads very solid, broad and round, flattened on top, tender and fine grained. Ounce, 20c. ¼ Pound, 50c. Pound, $1.75.

Copenhagen Market

DANISH BALL-HEAD, OR HOLLANDER.—A very solid, hard-heading, heavy variety; an excellent keeper. Ounce, 25c. ¼ Pound, 50c. Pound, $1.75.

CABBAGE—Continued

ALL-HEAD EARLY.—A thoroughbred sort, especially recommended on account of its uniform size and shape and reliability for heading. Makes a deep, flat head, solid and uniform in color, shape and size. In tenderness it is unsurpassed. Can be grown either for summer or winter use. Packet, 5c. Ounce, 25c. ¼ Pound, 50c. Pound, $2.00.

ALL SEASONS.—Heads very large, round, solid and of fine quality, keeping as well as the winter sorts. Plant very vigorous, but sure heading. Remarkable for its ability to stand the hot sun and dry weather. Ounce, 20c. ¼ Pound, 50c. Pound, $1.75.

AUTUMN KING, OR WORLD BEATER.—One of the finest strains of Late Cabbage ever offered. It produces regular, even heads of **enormous size**, and can be relied upon to produce a greater weight of crop from the same space of ground than most of the late sorts, from the fact of its producing so few outer leaves. Packet, 5c. Ounce, 20c. ¼ Pound, 50c. Pound, $1.75.

Late Flat Dutch Cabbage

SAVOY CABBAGE

The Savoy or Curly Cabbages are of much finer flavor and quality than the best of other kinds, and should be more generally cultivated. They are particularly adapted for private use, where quality rather than quantity is considered. Grown in the fall and allowed to be touched by frost it is a most delicious vegetable.

IMPROVED AMERICAN SAVOY.—Far superior to the ordinary Drumhead Savoy offered under different names. Heads large and very finely curled; short stalk, compact grower; sure header; keeps well. The best of all Savoys for home use or market. Packet, 5c. Ounce, 20c. ¼ Pound, 50c. Pound, $1.75.

SUREHEAD.—The heads are of Flat Dutch type, uniform in shape and size, solid and heavy. Packet, 5c. Ounce, 25c. ¼ Pound, 60c. Pound, $2.00.

Savoy Cabbage—Drumhead

PREMIUM LATE FLAT DUTCH

This variety is largely grown for late or main crop, being the favorite market variety. Heads very large, solid and broad, with flat tops; of fine flavor and quality, very short stems. Packet, 5c. Ounce, 20c. ¼ Pound, 50c. Pound, $1.75.

RED DUTCH CABBAGE

LARGE RED DRUMHEAD (extra selected).—Although many so-called new varieties have been introduced, there is none, we believe, superior to our strain of Large Red Drumhead. Wherever tried it has given universal satisfaction. Heads are large, round, very solid, and of a deep-red color. Ninety-five per cent. will form extra fine heads. Excellent for pickling. Packet, 5c. Ounce, 15c. ¼ Pound, 50c. Pound, $1.75.

CHINESE CABBAGE

(PE-TSAI)—The improved strain we offer resembles when well grown Cos Lettuce rather than Cabbage. It is often called Celery Cabbage on the market.

The leaves of the plant when young are crimped at the edges, of light green color and appear like smooth-leaved mustard but with much broader and heavier midribs. The plant as it matures becomes more upright and forms heads much like Cos Lettuce. The inner leaves blanch an attractive light yellow or creamy white with very white midribs. It is of distinctive flavor, very mild and pleasant. It is served as a salad like lettuce or cooked like asparagus.

Sow in this latitude after July 1st at the same time as turnips. The early plantings of Pe-Tsai run quickly to seed in hot weather. Sow in drills fourteen to twenty inches apart and thin seedlings two or three times; or, if grown for the market, start in boxes and transplant like late cabbage. Packet, 5c. Ounce, 25c. ¼ Pound, $1.00. Pound, $3.50.

CABBAGE PLANTS

All kinds ready in season, by hundred or thousand

CARROTS

1 ounce to 150 feet drill. 2½ pounds to acre.

CULTURE.—Follow directions given for Beets and Parsnips, as there is no difference in the method of cultivating these roots.

Danvers Half Long Point Root Carrot

EARLY SCARLET HORN.—Small, but early. Best for forcing. Packet, 5c. Ounce, 10c. ¼ Pound, 30c. Pound, $1.00.

DANVERS HALF-LONG STUMP ROOTED.—A new variety of decided merit; rich in color and of handsome shape. Packet, 5c. Ounce, 10c. ¼ Pound, 30c. Pound, $1.00.

DANVERS HALF-LONG POINTED ROOT.—Early and very beautifully shaped; very rich in color and best for main crop. Packet, 5c. Ounce, 10c. ¼ Pound, 30c. Pound, $1.00.

CHANTENAY, HALF-LONG.—Resembles the Nantes, with larger shoulders, medium early and heavy cropper; one of the best for market. Packet, 5c. Ounce, 10c. ¼ Pound, 30c. Pound, $1.00.

IMPROVED LONG ORANGE.—Deep orange color, long, smooth, popular for general crop. Packet, 5c. Ounce, 10c. ¼ Pound, 30c. Pound, $1.00.

ST. VALLERY, OR NEW INTERMEDIATE CARROT.—One of the best main crop carrots. It is noted for its smoothness of shape, its tenderness of flesh, and beauty of color. Packet, 5c. Ounce, 10c. ¼ Pound, 30c. Pound, $1.00.

CORN SALAD—ACKERSALAT

One Ounce Will Sow About Eighteen Square Feet and Six Pounds Will Sow an Acre.

BROAD LEAVED (Large Seeded).—A delicious salad, used during the winter and spring months as a substitute for lettuce, and is also cooked and used like spinach. Sow in spring in drills one foot apart. It will mature in six weeks. For early spring use sow in September and winter over like spinach. Packet, 5c. Ounce, 10c. ¼ Pound, 20c. Pound, 50c.

COLLARDS.—A tall, loose-leaved cabbage-like or kale-like plant grown throughout the South and known in different sections as "Cole," "Colewort," or simply "Greens." It is extensively used for the table and for stock in the South, where it continues in growth and is usable throughout the entire winter. Collards usually succeed in locations where cabbage cannot be grown to perfection.

GEORGIA, SOUTHERN, OR CREOLE.—This is the white or green-stemmed variety, growing two to three feet high and forming a large loose, open head or cluster of leaves with a rather long stem. A frost, if not too severe, will improve rather than injure the quality of the leaves. Sow thickly in drills, in rich ground, transplanting when four inches high; or sow in drills where the plants are to remain, and when well started thin to two or three feet apart in the row. In the South, seed may be sown from January to May and from August to October. Packet, 5c. Ounce, 10c. ¼ Pound, 25c. Pound, 75c.

CHICORY

Sow early in spring, in good, mellow soils, in drills half an inch deep and 12 inches apart.

LARGE-ROOTED MAGDEBURG.—The leaves when blanched make an excellent salad. Packet, 5c. Ounce, 15c. ¼ Pound, 45c. Pound, $1.50.

WITLOOF.—Packet, 5c. Ounce, 15c. ¼ Pound, 50c. Pound, $1.75.

DANDELION

An early spring salad. Sow early in spring in drills 12 inches apart, and thin out 6 inches in the rows.

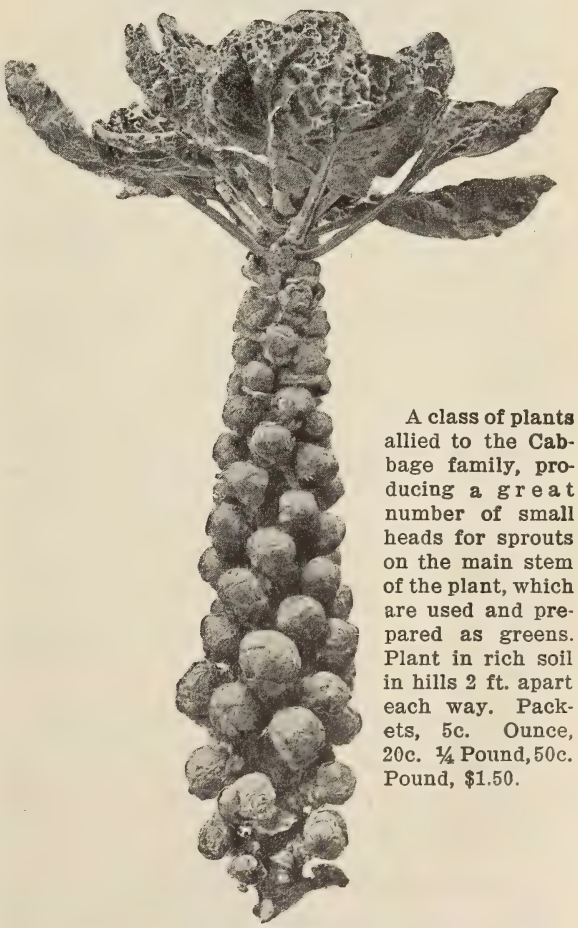
IMPROVED FRENCH.—Packet, 10c. Ounce, 25c. ¼ Pound, $1.00.

CRESS OR PEPPER GRASS

EXTRA CURLED.—The most popular variety for market; excellent flavor. Packet, 5c. Ounce, 10c. ¼ Pound, 20c. Pound, 60c.

WATERCRESS.—Cultivated by sowing the seed by running water or near a spring which is not severely frozen through the winter. Packet, 10c. Ounce, 35c. ¼ Pound, $1.00.

BRUSSELS SPROUTS



Amager Market Sprouts

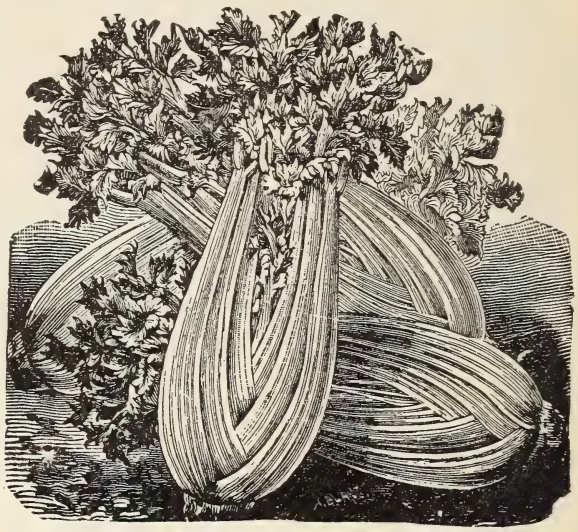
A class of plants allied to the Cabbage family, producing a great number of small heads for sprouts on the main stem of the plant, which are used and prepared as greens. Plant in rich soil in hills 2 ft. apart each way. Packets, 5c. Ounce, 20c. ¼ Pound, 50c. Pound, $1.50.

CELERY—Sellerie

One ounce to 3,000 plants. 10 to 15 ounces to the acre.

Sow the seed in a well-prepared soil as soon as the ground is in a proper condition to work. Sow in drills and tread the seed firmly in; thin out to an inch apart, and keep the ground well worked and free from weeds. Make the soil very rich with well rotted manure, which should be dug in deep; a moist, low, rich bottom land or well-drained muck soil is preferable. Set the plants eight or twelve inches apart. To blanch, draw earth around the plants from time to time, taking care not to cover the tops of the center shoots.

New Golden Self-Blanching



Dwarf Golden Heart

WINTER QUEEN.—This well-known strain possesses exceptional merit. Grows very thick, solid, and heavy stalk, and has a large heart. It is a close, compact grower, and when blanched is a creamy-white color. Packet, 5c. and 10c. Ounce, 15c. ¼ Pound, 40c. Pound, $1.25.

IMPROVED WHITE PLUME.—An early self-blanching variety, very popular for fall and early winter use. Packet, 5c. Ounce, 20c. ¼ Pound, 50c. Pound, $1.75.

DWARF GOLDEN HEART.—Very solid and excellent keeper, and of fine, nutty flavor; the heart, which is large and full, is of a waxy, golden yellow, rendering it very showy for either market or private use. Packet, 5c. Ounce, 15c. ¼ Pound, 50c. Pound, $1.50.

GIANT PASCAL.—A green-leaved variety which developed from the golden Self-Blanching, retains the beautiful color, thick, solid, crisp stalks and incomparable flavor of that variety, but is of stronger growth, also larger, producing perfectly blanched stalks. Packet, 5c. Ounce, 20c. ¼ Pound, 50c. Pound, $1.50.

PERFECTION HEARTWELL.—This is one of the best varieties in cultivation at the present time; the stalks are long and thick, very compact, crisp and of superior flavor. Pkt. 5c. Oz., 15c. ¼ lb., 40c. Lb., $1.25.

Celeriac or Turnip Rooted Celery

Grown exclusively for its roots, which, when cooked, sliced and used with vinegar, make a fine salad.

GIANT SMOOTH PRAGUE.—The best variety; large and smooth roots; excellent keeper. Packet, 5c. Ounce, 15c. ¼ Pound, 50c.

Golden Self-Blanching French Grown, Superior Stock, Unsurpassed

We have been furnishing our customers this strain of Golden Self-Blanching Celery for a number of years, and it is pronounced by one and all the finest strain they have ever seen. The color is a rich golden yellow, very solid and tender, flavor is delicious, has large heart, grows medium height, and is without doubt the best early Celery on the market. Packet, 10c. Ounce, $1.00. ¼ Pound, $3.00. Pound, $12.00.

CELERY SEED FOR SEASONING.—Ounce, 5c. ¼ Pound, 20c. Pound, 50c.

CELERY PLANTS

We can supply all the principal varieties in season. By mail postpaid, 50c. per 100. By express, 35c. per 100; $3.00 per 1,000. 3,000 and over, $2.75 per 1,000.

CAULIFLOWER

BLUMENKOHL

One ounce produces about 3,500 plants.

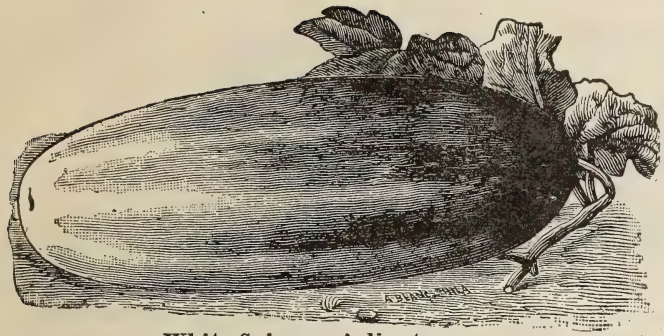
Extra Early Dwarf Erfurt

BEST FOR FORCING AND GOOD FOR OPEN GROUND.—Dwarf and very solid, with short outside leaves. Can be planted twenty inches apart each way and forced. Almost as early as Snowball. Our strain of seed is very choice. Packet, 15c. Ounce, $1.50. ¼ Pound, $5.00.

EARLY SNOWBALL.—Our strain of this popular variety is unequaled. It is one of the best for forcing under glass or for the open ground; a sure header. Packet, 15c. Ounce, $1.50. ¼ Pound, $5.00.

Lawn Grass Seed. If you desire a perfect lawn, use our Evergreen Lawn Grass Seed. FOR SHADY PLACES, sow our Shady Nook Lawn Grass Seed. Both kinds, if sown early in the spring, will produce a good lawn by midsummer. See inside back cover for Lawn Grass Seed, and for directions how to make a lawn.

CUCUMBER—Gurke



White Spine or Arlington

One ounce to 50 hills. One to two pounds to an acre.

CULTURE.—For growth of cucumbers, hills are raised, standing five feet apart. Quite rich, sandy soil is best. If necessary enrich the hills with a mixture of sandy soil and strong rotted manure. For early use, plant in May; for pickling, plant in June or July. Eight or ten seeds should be allowed to each hill, as the young plants are often destroyed by bugs.

Soon as the plants attain vigor, thin them, leaving the three most promising; if practicable water during the drought; keep soil loose and free from weeds.

IMPROVED EARLY WHITE SPINE OR ARLINGTON.—A selection from the White Spine, being more pointed at each end. The young fruits are usually crisp and tender, and are of very dark-green color, so that the variety is considered by many to be the best for small pickles. Packet, 5c. Ounce, 10c. ¼ Pound, 20c. Pound, 60c.

LONDON LONG GREEN.—Is the standard late sort, quite crisp, and of good size; it is not so early as the spine, but is more desirable for a late crop. Ounce, 10c. ¼ Pound, 25c. Pound, 60c.

GHERKIN, OR BURR.—Used only for pickling. Packet, 5c. Ounce, 15c. ¼ Pound, 40c. Pound, $1.25.

THE DAVIS PERFECT CUCUMBER.—As a forcing Cucumber the Davis perfect has no equal. Its excellent eating qualities, shape, color and productiveness place it without a rival. Packet, 5c. Ounce, 15c. ¼ Pound, 25c. Pound, 60c.

PERFECTED JERSEY PICKLE.—New and fine. The best pickle. Ounce, 10c. ¼ Pound, 20c. Pound, 60c.

COOL AND CRISP.—A very early and prolific variety. Fruit is long and good shape, dark green in color; it shows knobs bearing spines more than most varieties. It is a good home variety as well as an attractive market sort. Packet, 5c. Ounce, 15c. ¼ Pound, 25c. Pound, 60c.

New Davis Perfect Cucumber

KLONDIKE.—A very early strain of White Spine, with dark green skin which holds its color a long time. Fruit 6 to 7 inches long and produced in profusion. Quality unsurpassed. Packet, 5c. Ounce, 10c. ¼ Pound, 20c. Pound, 60c.

EGG PLANT

One ounce will produce 1,000 plants.

Sow in March in hot-bed, and transplant when two inches high into a second hot-bed, or let them remain and thin out to four inches apart. When the weather becomes settled, transplant into the open ground three feet apart each way. Good culture is quite as important as good seed; work the ground deep; make it rich with well rotted manure and hoe often.

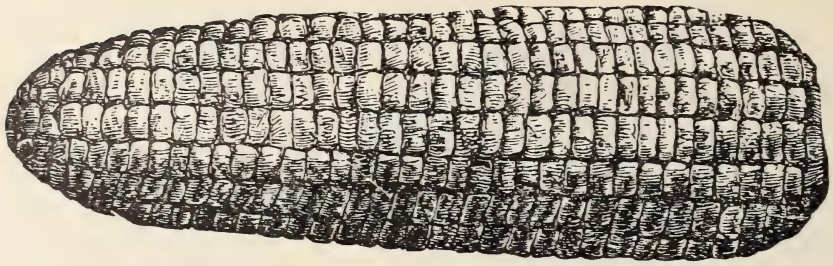
Black Beauty Eggplant

NEW YORK IMPROVED SPINELESS.—Best New Jersey gardeners' selection. Oval shape, thornless, dark purple color and rich flavor. Packet, 10c. Ounce, 25c. ¼ Pound, 90c. Pound, $3.00.

BLACK BEAUTY EGG-PLANT.—The New Black Beauty combines in itself many characteristics which are very valuable in this vegetable. In the first place, it is very early; in fact, the earliest good market variety. By this we mean it is the earliest variety that grows to a good size suitable for market purposes. Packet, 10c. Ounce, 25c. ¼ Pound, 75c. Pound, $3.00.

FLORIDA HIGH BUSH.—Has proved a money-maker to Southern growers. It resists drought and wet weather to a wonderful degree on account of its strong, upright growth, the fruits being held well off the ground. Very vigorous and productive, bearing very profusely its large purple fruits of fine shape and quality. An excellent shipper; commission men report they reach market in the best condition and command high prices. Packet, 5c. Ounce, 25c. ¼ Pound, 90c. Pound, $3.00.

SWEET OR SUGAR CORN



One quart will plant 200 hills, eight quarts for an acre
If corn is wanted by mail or express prepaid, add 5 cents per pint, 10 cents per quart, for charges.

Early Premo

PREMO.—The earliest of all sweet corns; from 5 to 7 days earlier than Extra Early Adams. Remarkably hardy for a sweet corn and can be planted earlier than other sorts. In quality and sweetness it is all that can be desired of an extra early corn. Pint, 25c. Quart, 50c. Peck, $3.00. Bushel, $12.00.

KENDEL'S EARLY GIANT.—This is not a mere novelty, but is of real merit. Ears large, measuring 8 to 10 inches long, having 10 to 12 rows on each cob, kernels pure white, sweet and tender. Quart, 40c. Peck, $1.75. Bushel, $7.00.

ADAM'S EXTRA EARLY.—The hardiest and earliest variety for the table use. It can be planted earlier than any other, but it is not a sweet corn; white indented grains and short ears. Dozen, 40c. Quart, 25c. Bushel, $3.50.

GOLDEN BANTAM.—Probably the very earliest variety grown. Very sweet, none better for the home garden for first early. Quart, 50c. Peck, $3.00. Bushel, $12.00.

IDEAL EARLY ADAMS.—A selection and improvement over the old Early Adams. Makes larger and handsomer ears and deeper grains. Ears measure from 10 to 14 inches in length, with 12 or more rows to the ear. Of excellent table quality, and a decided acquisition. Pint, 20c. Quart, 30c. Peck, $1.50. Bushel, $5.00.

MAMMOTH LATE.—This produces the largest ear of any, a single ear sometimes weighing two or three pounds. It ripens a little later than the evergreen, with larger cobs, the kernels being flatter, not horse-tooth shape. Quart, 40c. Peck, $2.00. Bushel, $8.00. Ears, 50c. Dozen.

STABLER'S EXTRA EARLY.—A new variety, of larger size than usual for the early kinds. It is remarkable for sweetness and earliness. A desirable canning variety. Quart, 50c. Peck, $3.00. Bushel $12.00.

COUNTRY GENTLEMAN.—A new corn of merit and desirable for family use. The grains are irregular, compact and sweet. Quart, 50c. Peck, $3.00. Bushel, $12.00. Ears, 50c. dozen.

WHITE EVERGREEN.—A pure white strain of the popular Stowell's Evergreen. The ears are very large and well filled from butt to tip with long, slender, pure white grains of the most delicious sweetness. It yields two or more ears to the stalk, and they remain in roasting ear state as long as any corn grown. Quart, 50c. Peck, $3.00. Bushel, $12.00.

METROPOLITAN.—A few days later than the Cory, ears larger and of better quality. One of the best extra-early sorts. Pint, 15c. Quart, 30c. Peck, $1.50. Bushel, $6.00.

BLACK MEXICAN.—Surpassed by none in quality and tenderness. When cooked is almost white; the ripe ear is black or blue black. Highly esteemed for family use. Quart, 30c. Peck, $1.50. Bushel, $6.00.

STOWELL'S EVERGREEN.—See illustration engraved from a photograph of an ear of our improved strain. The seed which we offer is free from glaze and flint, and has been grown completely isolated from all other varieties. Quart, 50c. Peck, $3.00. Bushel, $12.00. Ears, 50c. Dozen.

KALE OR BORECOLE

An ounce of seed will sow about 200 feet of drill. Three pounds to an acre.

DWARF GERMAN GREENS (Siberian Kale).—Generally sown broadcast, but can be sown in drills a foot apart in August. Packet, 5c. Ounce, 10c. ¼ Pound, 20c. Pound, 50c.

DWARF CURLED GREEN SCOTCH.—Seldom exceeds 18 inches in height, but rounds out to a diameter of 3 feet. The leaves are bright green, tender and elegantly curled. Packet, 5c. Ounce, 10c. ¼ Pound, 20c. Pound, 50c.

EMERALD ISLE KALE.—This is really the handsomest Kale that has ever come under our notice, and is entirely distinct from other strains. The closely curled, handsome leaves are most attractive. A fine exhibition plant of medium height. Very hardy. Packet, 5c. and 10c. Ounce, 15c. ¼ Pound, 25c. Pound, 75c.

TALL CURLED GREEN SCOTCH.—Unusually hardy, growing 2 feet or more in height, with recurved, spreading, deep green, curly leaves. Packet, 5c. Ounce, 10c. ¼ Pound, 20c. Pound, 75c.

NEW IMPERIAL, OR LONG STANDING.—Slow seeder, hardiest for gardeners; superior to all other sorts in vigorous habit; bright green color. Packet, 5c. ¼ Pound, 20c. Pound, 50c.

KOHL RABI

1 oz. to 200 ft. of drill. 1½ lbs. to an acre.

CULTURE.—Sow in April in rows eighteen inches apart, thinning out to eight inches between plants.

EARLY WHITE VIENNA.—This forms a bulb above ground, and its flavor mingles the peculiarities of the cabbage and turnip. Packet, 5c. Ounce, 15c. ¼ Pound, 40c. Pound, $1.50.

ENDIVE—Endiven

1 oz. to 200 ft. of drill. 3 lbs. to an acre.

CULTURE.—June or July select a bed of good soil, drill fifteen inches apart, sow seed and cover lightly. The plants should not stand closer than twelve inches. Keep the earth to the stems, destroy weeds and hoe liberally.

EXTRA GREEN CURLED.—It is the best. Packet, 5c. Ounce, 15c. ¼ Pound, 35c. Pound, $1.25.

BROAD-LEAVED BATAVIAN (Escarolle).—Used in soups and stews; requires to be tied up for blanching. Packet, 5c.-10c. Ounce, 15c. ¼ Pound, 40c. Pound, $1.25.

LETTUCE—Lattich Salat

One ounce will sow 100 square feet or 120 feet of drill.

Big Boston Lettuce

WAYAHEAD.—Very early. Sure-heading and finest quality. Heads very large and solid. Outer leaves light green, inner yellow. Packets, 5c. Ounce, 20c. ¼ Pound, 50c. Pound, $1.75.

MAY KING.—A new German variety, fine for forcing and outdoors; heads of medium size, yellowish green in color; very early and a fine variety. Packet, 5c. Ounce, 20c. ¼ Pound, 50c. Pound, $1.25.

DEACON LETTUCE.—Large, solid, long-standing summer lettuce. Heads light green in color, and very pleasing to the eye. Packet, 5c. Ounce, 15c. ¼ Pound, 35c. Pound, $1.00.

HUBBARD MARKET.—A large heading variety, good for either forcing or sowing in open ground. Packet, 5c. Ounce, 15c. ¼ Pound, 35c. Pound, $1.25.

NEW GOLDEN QUEEN.—Popular for forcing. Packet, 5c. Ounce, 15c. ¼ Pound, 35c. Pound, $1.25.

CALIFORNIA CREAM BUTTER.—Outside leaves are of medium green color, and inside is folded a solid head of rich, creamy yellow color. It is considered by growers one of the best in cultivation. Ounce, 15c. ¼ Pound, 35c. Pound $1.25.

SALAMANDER.—B. S.—Compact, tender heads, resisting summer heat. Packet, 5c. Ounce, 15c. ¼ Pound, 30c. Pound, $1.00.

BOSTON MARKET, OR TENNIS BALL.—This variety is used specially for greenhouse and hotbed culture, because it can be planted very close. It grows very compact, fair size, heads slightly tinged with red on edge of leaves. Packet, 5c. Ounce, 15c. ¼ Pound, 30c. Pound, $1.00.

IMMENSITY.—A very large heading variety, one of the largest of the cabbage sorts and almost a third larger than California Cream Butter, which it resembles in color and shape. Packet, 5c. Ounce, 15c. ¼ Pound, 35c. Pound, $1.25.

EARLY CURLED SIMPSON.—Very early, largely grown in cold frames. Packet, 5c. Ounce, 15c. ¼ Pound, 40c. Pound, $1.25.

ROMAINE OR COS LETTUCE

NEW TRIANON COS, OR CELERY LETTUCE.—The finest of all the Cos sorts; leaves when bleached are stiff like celery stalks, and can be eaten in the same manner. Ounce, 15c. ¼ Pound, 30c. Pound, $1.00.

CULTURE.—For winter use sow in greenhouse or hotbed and cover seed very lightly. Transplant first to three inches apart and then to eight inches. For outside use sow in rows, covering seed one-quarter inch, the rows eighteen inches apart, then thin out plants to eight inches in row.

IMPROVED BIG BOSTON LETTUCE.—Identical in color, shape and general appearance as the Boston Market Lettuce, but double in size. It is about one week later in maturing, but its solidity and greater size of head will make it most valuable sort, desirable either for cold frames or open ground planting. Market Gardeners, do not neglect to include some of this seed in your list. Packet, 5c. Ounce, 15c. ¼ Pound, 50c. Pound, $1.50.

GRAND RAPID FORCING.—There is no better forcing variety among the curled-leaved sorts than the Grand Rapids, and it is quite as good for outdoor culture as other sorts. Packet, 5c. Ounce, 15c. ¼ Pound, 40c. Pound, $1.25.

BLACK SEEDED SIMPSON.—One of the best curled varieties, withstanding the summer heat. Packet, 5c. Ounce, 15c. ¼ Pound, 35c. Pound, $1.25.

MUSTARD

The young and tender leaves of the Mustard are greatly relished as salads or when cooked like spinach. The seed should be sown in shallow drills as early as the ground can be prepared in spring, and the leaves cut when several inches long.

WHITE.—Ounce, 5c. ¼ Pound, 15c. Pound, 40c.

GIANT SOUTHERN CURLED.—Packet, 5c. Ounce, 10c. ¼ Pound, 25c. Pound, 75c.

LEEK

Lauch.

BROAD LONDON, OR LARGE AMERICAN FLAG.—Best American-grown seed. Packet, 5c. Ounce, 15c. ¼ Pound, 35c. Pound, $1.25.

CANTALOUPE OR MUSK MELON

One ounce will plant about 50 hills. Two or three pounds in hill per acre.

CULTURE.—Plant seed in hills 5 to 6 feet apart each way, 8 to 10 seeds per hill, after danger from frost is past. After plants are well up, thin to 4 to the hill; keep them well cultivated until the runners are so long they cannot be hoed or cultivated. The quality of Muskmelons is affected very much by weather conditions.

Extra Early Hackensack.

ACME, OR BALTIMORE CANTALOUPE.—Has a beautiful, heavily netted green skin; good size, in shape a desirable and distinct oval, and slightly ribbed; flesh thick, green, very finely flavored, smooth and sweet; very productive, and never **bursts open at blossom end.** Packet, 5c. Ounce, 10c. ¼ Pound, 25c. Pound, 75c.

EXTRA EARLY HACKENSACK.—It produces melons equally as large and with all the good qualities of the well-known Hackensack, but two weeks earlier; heavily netted, and has light-green flesh of delicious flavor. Packet, 5c. Ounce, 10c. ¼ Pound, 25c. Pound, 75c.

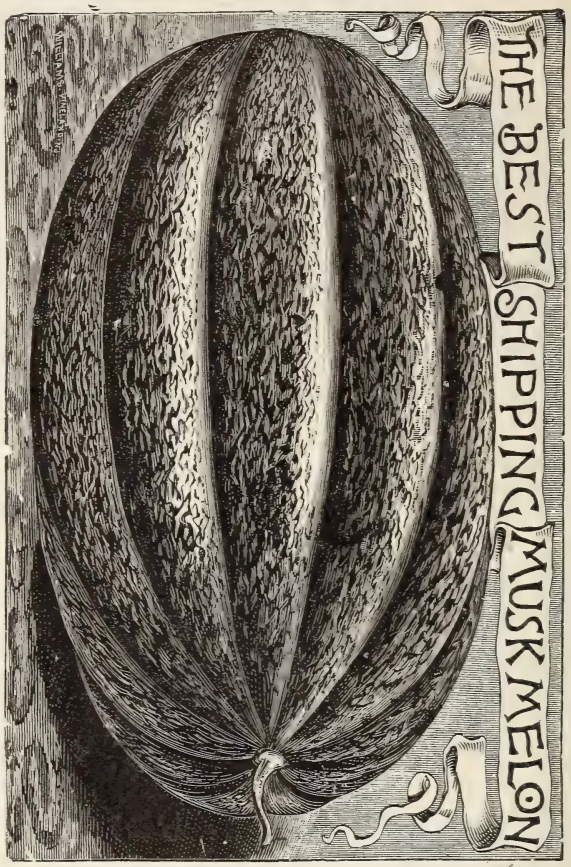
ROCKY FORD NETTED GEM.—Our stock is specially grown for us in the famous Rocky Ford melon district, and is a particularly valuable strain for shippers. It is uniform in size, thickly netted, distinctly ribbed, firm-fleshed and of most delicious flavor. Packet, 5c. Ounce, 10c. ¼ Pound, 20c. Pound, 60c.

EMERALD GEM.—Medium size, nearly round; flesh a delicate light salmon color, very thick, fine grained, and of most excellent flavor. The rind is thin, dark green, ribbed, but not netted. One of the best for home use. Packet, 5c. Ounce, 10c. ¼ Pound, 25c. Pound, 75c.

BURRELL'S GEM.—Originated in Rocky Ford, Colo., the home of the celebrated Rocky Ford Melons. This is very similar to Rocky Ford, excepting it has a yellow or salmon-colored flesh instead of the green flesh. It grows to a very desirable size, is closely netted, slightly ribbed, with a dark green skin. Packet, 5c. Ounce, 10c. ¼ Pound, 25c. Pound, 75c.

THE PAUL ROSE, OR PETOSKEY.—It is a cross between the Osage and Netted Gem, and combines the best features of the originals. The fruit is oval, medium sized, dark exterior, thickly netted; with rich salmon flesh, so thick as to nearly close the seed cavity. Packet, 5c. Ounce, 10c. ¼ Pound, 25c. Pound, 75c.

TIP TOP.—For splendid eating qualities this melon is certainly rightly named, for it is one of the most delicious flavored and finest table melons in existence. It grows to a large size, has thick orange flesh and is sweet, juicy and of the finest flavor even close to the rind. Packet, 5c. Ounce, 10c. ¼ Pound, 30c. Pound, $1.00.



Knight Cantaloupe

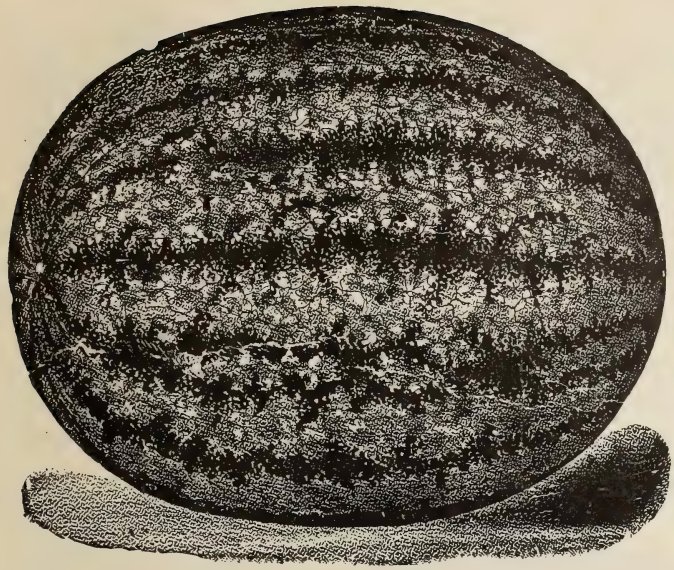
A Splendid Early Cantaloupe of Superb Quality and at the same time makes an Excellent Market or Shipping Melon.

This new cantaloupe gave the very best results and satisfaction to our customers the past season. Its earliness, productiveness, uniformity in shape and appearance and fine table qualities easily place it in the first class both for home use and market. It matures about a week earlier than the regular Rocky Ford, is larger in size, and makes a most attractive and salable melon. It has thick, green flesh, shading to orange at the center. The fruits are oblong in shape, well ribbed and well netted. Altogether it is rapidly taking front rank as one of the most desirable cantaloupes in cultivation. Price Knight Cantaloupes.—Packet, 5c. Ounce, 20c. ¼ Pound, 40c. Pound, $1.25.

Sweet Air

We know from what we have seen of this melon for the past five seasons that we cannot speak too highly of this melon. It is the sweetest, finest flavored, juiciest and best melon ever offered.

It is a little larger than the Rocky Ford, well netted, thick green flesh, small seed cavity. When the other standard sorts have been flat to the taste this has been perfect in sweetness. Packet, 5c. Ounce, 10c. ¼ Pound, 40c. Pound, $1.50.



WATERMELON

Those using larger quantities than one pound of Watermelon seeds should write us for special prices.

CULTURE.—Plant in hills six or eight feet apart, in May. Select warm, light dry, ground, and in preparing the hills let them be dug out as broad and deep as the soil will admit; fill at least one-third full of the best decomposed stable manure, and mix thoroughly with the soil; fill up a little above the level of the ground.

HARRIS' EARLIEST WATERMELON.—Sweetest, largest and best shipping early melon. Harris' Earliest Watermelon was originated by crossing Kolb's Gem with Hungarian Honey, Cole's Early and a small Russian melon of the very finest flavor. The melon is oval to oblong, striped with green and gray; bright red flesh, sweet, tender and delicious. Ounce, 15c. ¼ Pound, 25c. Pound, 60c.

	Per Oz.	¼ Lb.	PerLb.
CUBAN QUEEN.—Early, solid, heavy; skin striped dark and light green	$0.10	$0.15	$0.50
KOLB GEM.—Very large; flesh red; a good shipping sort. Very popular	.10	.15	.40
SWEET HEART.—Oval form; mottled light green skin; red flesh	.10	.15	.50
FLORIDA FAVORITE.—An oblong melon of fine flavor	.10	.15	.40
TRIUMPH.—Crossed between Duke Jones and Kolb's Gem; dark green color	.10	.15	.50
BLUE GEM, OR ICEBERG.—In general size, shape, and appearance similar to the Kolb Gem, but the skin is darker and the quality is superior	.10	.15	.50
HALBERT HONEY.—The strong points in favor of this new Watermelon are its superb flavor, sweetness, tenderness and fine table qualities	.10	.20	.60
STRIPED GYPSY, OR GEORGIA RATTLESNAKE.—A large, oblong melon	.10	.15	.40
KLECKLEY'S SWEETS.—This is one of the earliest melons	.10	.20	.60
TOM WATSON, 90 DAYS.—Long, dark green. More tracery on skin than Kleckley Sweet, and longer. Fine variety	.10	.20	.60

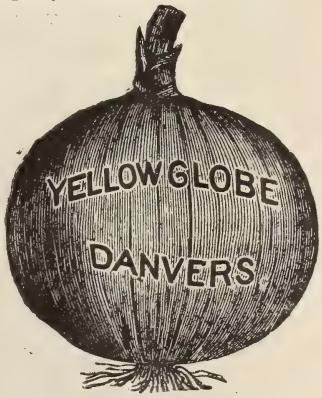
Each of the above Watermelons, 5c. per package.

ONIONS—Zwiebel

Onion seeds should be sown as early as possible to work the ground, in drills one inch deep and twelve to sixteen inches apart, in rich soil deeply dug and lightly rolled. Thin to one inch apart. When sowing for sets, seeds must be put in very thick, at the rate of twenty pounds to the acre. The same patch may be used year after year for onions and never made too rich.

To raise large onions, select a bed of rich soil, work it deeply and add decayed manure plentifully.

Good Onion Seed is of the greatest importance



WHITE SILVER SKIN, OR PORTUGAL.—The leading sort of white onion. Skin is of a beautiful, clear white color; flavor mild, and a most excellent keeper. Packet, 5c. Ounce, 20c. ¼ Pound, 75c. Pound, $2.75.

RED WETHERSFIELD.—The best-known and most widely-used red variety. In shape it is flattish, but thick, with very firm flesh. Is hard, and an excellent keeper, as well as a heavy cropper. The color is a bright, purplish-red. Packet, 5c. Ounce, 20c. ¼ Pound, 65c. Pound, $2.25.

YELLOW GLOBE DANVERS.—The popular yellow globe onion for market and shipping purposes. Is almost ball-shaped, but a trifle flattened at both ends. Packet, 5c. Ounce, 20c. ¼ Pound, 50c. Pound, $2.00.

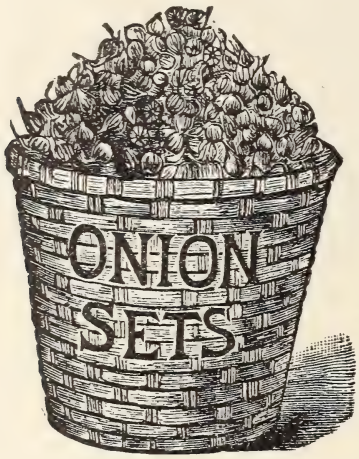
SOUTHPORT LARGE WHITE GLOBE.—Packet, 10c. Ounce, 25c. ¼ Pound, 75c. Pound, $3.00.

PRIZETAKER.—A superb variety where large size and superior keeping qualities are desired. Color a rich straw and flavor very mild and delicate. Packet, 5c. Ounce, 20c. ¼ Pound, 50c. Pounds, $2.00.

ONION SETS

One quart to 50 feet of row; eight to ten bushels per acre, according to size of sets.

All onions attain full size and maturity the same season from spring-sown seed, yet many people desire to plant out sets for earliest Onions for the table or to use green or for bunching.



Choice Grown Onion Sets

Our Silver Skin Sets are choice Pennsylvania grown, and are superior to Western grown sets this season, which are badly damaged. Prices in quantity upon request.

The price per bushel is subject to change with the market; write for quotations.

YELLOW ONION SETS.—Grown from our select strain of yellow Danvers. Quart, 20c. Write for our prices for larger quantities.

WHITE ONION SETS.—Grown from our select strain of White Portugal. Quart, 20c.

PARSLEY—Petersilie

One ounce to 150 feet of drill.

Sow in rows one foot apart and one inch deep. The seed is slow to germinate and should be given the most favorable conditions. A deep, rich, loamy soil is required. For winter use a few plants placed in a box in the cellar will give a supply.

EXTRA DARK MOSS CURLED.—The large leaves are very heavily crimped and curled, being quite moss-like in appearance and of peculiarly rich, extra dark green coloring. Very productive, and most attractive as a garnish, both on account of this deep-green coloring and fine mossy appearance. Packet, 5c. Ounce, 10c. ¼ Pound, 20c. Pound, 75c.

FINE DOUBLE CURLED.—Plants of dwarf, compact growth, and the young leaves have the edges heavily crimped, being of quite moss-like appearance. Packet, 5c. Ounce, 10c. ¼ Pound, 20c. Pound, 75c.

OKRA OR GUMBO

CULTURE.—Plant in May, in hills about 3 feet apart, 4 or 5 seeds per hill. When well established, thin out to 2 plants. One ounce to 100 feet of drill; eight pounds per acre.

PERKINS' MAMMOTH LONG-PODDED.—A very large-podded variety, popular with canners and for home use. Quality very fine, plants extremely productive of long, slender pods, which remain tender a long time. Packet, 5c. Ounce, 10c. ¼ Pound, 20c. Pound, 60c.

WHITE VELVET.—Pods round, smooth, free from seams, very prolific. Packet, 5c. Ounce, 10c. ¼ Pound, 20c. Pound, 50c.

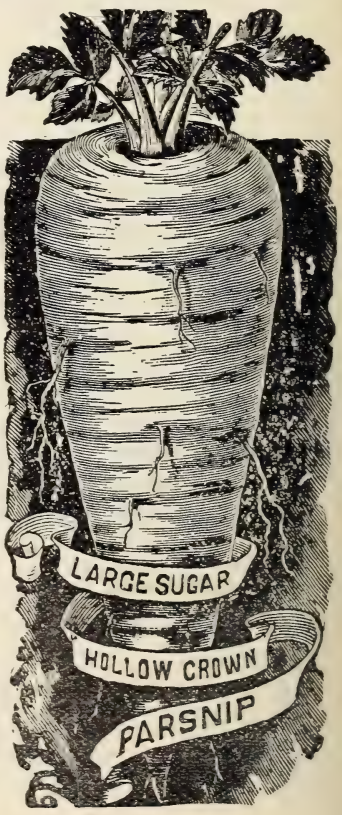
DWARF GREEN PROLIFIC, OR DENSITY.—A very dwarf and prolific variety. Pods green, smooth and thickly set. Packet, 5c. Ounce, 10c. ¼ Pound, 20c. Pound, 50c.

PARSNIPS

PASTINAKE.

One ounce to 150 feet of drill.

Sow as early in the spring as the weather will permit, in drills fifteen inches apart and half an inch deep in rich, well-manured ground, well dug. Cultivate similar to carrots, and thin out to six inches apart. To keep well in the ground over winter, draw a little earth over the tops.



HOLLOW CROWN, OR LARGE SUGAR.—The best variety in cultivation for general use; roots white, smooth, of intermediate length, sugary, of excellent flavor. Packet, 5c. Ounce, 10c. ¼ Pound, 20c. Pound, 50c.

Neapolitan.

PEPPER

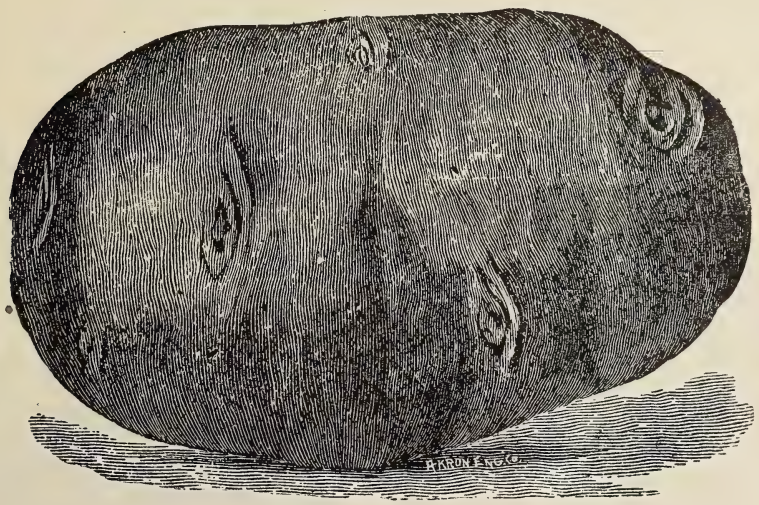
One Ounce Will Produce About 2,000 Plants.

CULTURE.—Sow in hot-bed in April, and in warm, settled weather transplant outdoors 18 inches apart in rows 3 feet apart; or, when all danger of frost is past, sow in open ground and thin.

CRIMSON GIANT.—The largest and finest mild Red Pepper; double the size of Ruby King. Packet, 10c. Ounce, 25c. ¼ Pound, $1.00.

	Oz.	¼ Lb.	Lb.
NEAPOLITAN LARGE EARLY.—Earliest of the large Sweet Peppers. Thick-meated and very productive. Packet, 5c. each	$0.20	$0.50	$2.00
RUBY KING.—Ideal Pepper for filling and pepper-hash. Packet, 5c. each	.20	.50	2.00
LARGE BELL, OR BULL NOSE.—Early, large, red, mild. Packet, 5c. each	.20	.50	2.00
LONG RED CAYENNE.—Packet, 5c. each	.20	.50	2.00
CHINESE GIANT	.35	1.00	4.00

AROOSTOOK-GROWN SEED POTATOES



All of the Seed Potatoes we sell are grown in the State of Maine, where, it is universally acknowledged, the best seed potatoes are raised, and thousands of carloads are shipped every year from the counties of Holton and Aroostook alone. Farmers and truckers in the Middle and Southern States should renew their seed potatoes at least every two years, as by doing so they will realize the advantage of early maturity and productiveness.

Special prices will be given on application.

EARLY SIX WEEKS.—Said to be the earliest Potato now grown, and especially recommended for early market trade. Grown under favorable circumstances they are ready for the table at six weeks from date of planting, and fully matured at ten weeks. Medium-sized, very smooth skinned, shallow eyed, and of fine texture; in color, light pink.

IRISH COBBLER.—One of the most reliable first early potatoes ever sent out. It ripens almost with the Early Ohio, and so uniform that every hill seems to ripen all at one time. The value of this feature will be at once apparent to the market gardener who always likes to dig the entire crop at one time and follow with a crop of something else from the same ground.

GREEN MOUNTAIN.—White skin, flat, oval form, smooth, of good appearance; fine for the table when well grown; ripens slowly and is a good keeper; valuable for late crops; now taking the lead in all markets.

OHIO, OR XX EARLY.—This is one of the earliest potatoes grown; it will bear heavy manuring with commercial fertilizer; yields well; is free from blight; potatoes come to eatable size very early and eat well.

EARLY ROSE.—For a generation the standard Potato of the whole country for earliest yield, thrift, beauty, and table qualities, because it always succeeds well in any soil in any climate.

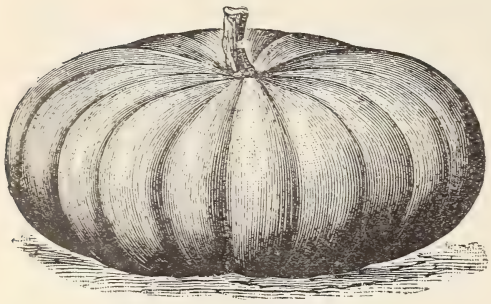
EXTRA EARLY BOVEE.—A most desirable new Potato introduced several years ago; has become very popular. Reported 12 days earlier than Early Ohio, and is the earliest potato we know of.

McCORMICK.—A very popular late sort; in fact, too well known for us to describe. Plant along in June or July and you will receive a yield that will surprise you.

Sweet Potato Roots and Plants. Big Stems and Jersey Roots ready about April 1st. Big Stems and Jersey Plants ready about May 1st. Prices quoted on application.

PUMPKIN—Grosse-Kurbis

One pound will plant 200 to 300 hills.



Large Cheese Pumpkin

CULTURE.—The common practice is to drop two or three seeds into every third or fourth hill in the cornfield; may be sown in hills, eight feet apart each way, four plants to each hill.

CASHAW, OR CROOKNECK.—Large, light cream color, solid and sweet, very fine grained, splendid for table or feeding stock. Packet, 5c. Ounce, 10c. ¼ Pound, 20c. Pound, 60c.

LARGE CHEESE.—A good cooking variety, cheese shape, creamy yellow color, flesh fine grained, and one of the best for pies. Price, per Packet, 5c. Per Ounce, 10c. ¼ Pound, 20c. Pound, 50c.

JAPANESE PIE.—Crooked-neck variety; extremely small seed cavity; nearly all solid meat; quality extra fine. Packet, 5c. Ounce, 10c. ¼ Pound, 25c. Pound, 75c.

LARGE CONNECTICUT FIELD.—Hardiest of all Pumpkins, good for pies and stock feeding. ¼ Pound, 10c. Pound, 50c. Quart, 40c.

SMALL SUGAR.—Early, prolific and very sweet; orange color; fine keeper. Ounce, 10c. ¼ Pound, 20c. Pound, 50c.

KING OF MAMMOTHS.—This giant variety grows to enormous size. Deep yellow, glossy color. Splendid to grow for stock and exhibition purposes. ¼ Pound, 30c. Pound, $1.00.

GARDEN PEAS

We do not pay postage on peas.

Three Quarts of Seed to 100 Yards of Row. One and a Half to Two Bushels to the Acre.

CULTURE.—Sow as early as the ground can be worked, and again every ten days or two weeks for succession. They can be sown as late as the 20th of August for the last sowing, using Extra Earlies. Sow in rows about 4 feet apart and 1 inch apart in the row, and 3 to 4 inches deep.

EXTRA EARLY ALASKA.—The earliest blue pea. The dark green color of the pods makes it extremely desirable, as it can be carried long distances without losing color, which quality, combined with its earliness and uniformity of ripening, makes it a most desirable pea for market gardeners. Height two feet. Quart, 30c. Peck, $2.00. Bushel, $7.50.

LITTLE MARVEL.—As regards Little Marvel peas, this variety we can recommend as being one of the very best short-vine peas introduced. The vines are about a foot high, very stocky and the pods are large and well filled with large peas of excellent quality. We consider this variety far superior to American Wonder or Nott's Excelsior and when they are better known they will be in great demand. Quart, 35c. Peck, $2.00. Bushel, $7.00.

NOTT'S EXCELSIOR.—One of the best early Dwarf Peas. It combines the good qualities of the American Wonder and Premium Gem Peas. Quart, 35c. Peck, $1.75. Bushel, $6.00.

LONG-PODDED ALASKA PEAS.—New, vigorous, handsome, long-podded, delicious flavored Alaska pea. Bound to become extremely popular, for it has all the good qualities of famous Extra Early Alaska Pea, and, in addition, it has a well-filled pod almost twice as long, which will fill the basket in one-half the time, and while it is not a distinctly sugar pea, yet it has a much sweeter flavor than the Alaska. It is an abundant yielder. Pint, 15c. Quart, 30c. Peck, $1.75. Bushel, $6.50.

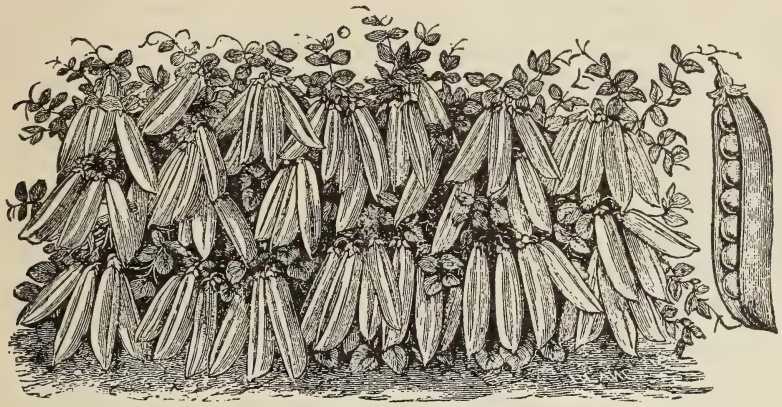
(For larger quantities, prices given on application.)

Extra Early Alaska

BOUNTIFUL, OR AMEER.—(New).—Extra Early pea. One of the best early peas for the garden. Highly recommended. Quart, 30c. Peck, $2.00. Bushel, $7.00.

PEAS—Continued

Notice.—In Ordering Peas to be sent by mail, please add 8c. per Pint to pay Postage.
Prices subject to change without notice.



Premium Gem Peas

PREMIUM GEM.—This variety is nearly as early as the American Wonder, and the very productive vine is decidedly larger, growing to a height of from 15 to 18 inches. The pods are large and crowded with 6 to 8 very large peas of fine quality. Quart, 35c. Peck, $1.75. Bushel, $6.00.

GRADUS, OR PROSPERITY.—Probably the best extra early pea yet introduced. Only two or three days later than Alaska, and a wrinkled pea of excellent quality. Quart, 30c. Peck, $2.00. Bushel, $7.00.

THOMAS LAXTON—AN EXTRA LARGE PODDED VARIETY.—The plant is a very hardy and strong grower, producing the large size pods in abundance; quality is delicious and cannot be surpassed. Pods very dark green. Quart, 30c. Peck, $2.00. Bushel, $7.00.

TELEPHONE, IMPROVED STOCK.—A luscious wrinkled pea-pod, large size, and peas excellent quality; an enormous cropper, grows four feet high. Quart, 30c. Peck, $2.00. Bushel, $7.50.

HORSFORD'S MARKET-GARDEN.—A first-class wrinkled pea; second early; height 24 inches. Does not require stakes. Is profitable sort for market gardeners; a single plant has been known to produce 150 pods. It is equally good for the home table. Quart, 30c. Peck, $1.50. Bushel, $5.50.

POTLATCH.—Strong, vigorous vines of even growth, 20 to 24 inches in height, with luxuriant, dark foliage, bearing pods, medium green in color, 3½ to 4 inches in length. Broad and pointed at the ends. No variety known will produce more pods, and no pods could possibly shell out better. Fit for table use 61 days from planting. Seed green, wrinkled, large in size. Pint, 20c. Quart, 35c. Four quarts, $1.25. Peck, $2.00. Bushel, $7.50.

DUKE OF ALBANY (American Champion).—Immense pods on style of Telephone. Height, 5 feet. Pint, 20c. Quart, 35c. ½ Peck, $1.25. Peck, $2.00. Bushel, $7.50.

LONG ISLAND MAMMOTH.—The robust habit, profusion of very large and well-filled, deep-green pods, combined with the remarkable size and superb flavor of the peas, are qualities which have ensured its popular position. Height, 4½ feet. Pint, 15c. Quart, 30c. ½ Peck, $1.00. Peck, $1.75. Bushel, $6.00.

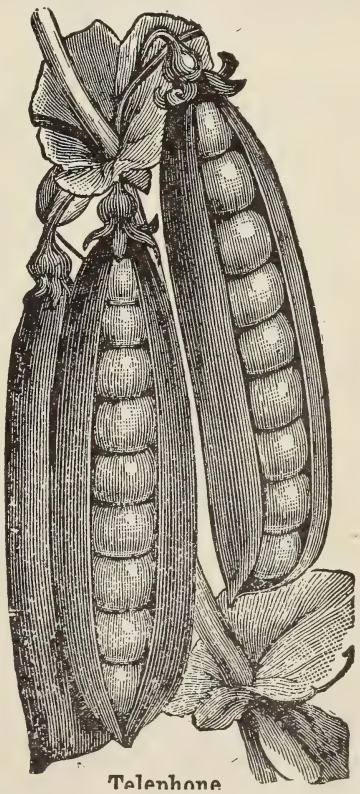
MAMMOTH PODDED SUGAR (Edible Pods).—This variety grows to the height of 5 feet; bears a profusion of very large, broad, handsome, light green (nearly white) pods, which are so brittle that they snap without any strings. Sweet, tender and of excellent flavor. Pint, 20c. Quart, 35c. Gallon, $1.25. Peck, $2.25. Bushel, $7.50.

AMERICAN WONDER.—This is a dwarf variety, and leads all others in point of earliness, growing about ten inches high, and produces a profusion of good-sized, well-filled pods, with finest flavored peas. Quart, 35c. Peck, $1.75. Bushel, $6.00.

IMPROVED STRATAGEM.—A favorite with Market Gardeners for a general crop pea, strong vines, immense pods, large peas, heavy cropper, true stock. Quart, 30c. Peck, $2.00. Bushel, $7.00.

DWARF WHITE MARROWFAT.—Height three and a half to four feet. Peas large, standard variety. Quart, 25c. Peck, $1.50. Bushel, $5.50.

BLACK EYE MARROWFAT.—Quart, 25c. Peck, $1.50. Bushel, $5.50.



Telephone

CHAMPION OF ENGLAND.—Wrinkled.—A green wrinkled variety famous for its delicious flavor. Consider it one of the finest varieties for family use, and will follow any of the second early varieties in ripening. Quart, 30c. Peck, $1.50. Bushel, $5.50.

RADISH — Rettich

One ounce will sow 100 feet of drill, 9 pounds will sow an acre.

CULTURE.—Select light, sandy soil; spade deeply and manure well. For early crop, sow in hot-beds in February or March. For main crop, sow at intervals from early spring until last of September, in deep, rich soil. Broadcast sowing is allowable, but drilling is more professional; however, radishes do well by either method. Thin when they crowd, or the crop will be imperfect. They may be drawn after a few weeks' growth.

Crimson Giant Radish

CRIMSON GIANT.—A large globe-shaped variety of recent introduction. Color is brilliant cardinal; flesh firm and tender; matures early; grows to a large size, and is always very crisp and tender. We consider this one of the very best second early forcing varieties. Highly recommended for outdoor planting. Packet, 5c. Ounce, 10c. ¼ Pound, 20c. Pound, 60c.

EARLY SCARLET TURNIP (WHITE TIPPED).—Early; fine grain and flavor; round with white tip. Packet, 5c. Ounce, 10c. ¼ Pound, 15c. Pound, 50c.

VICK'S SCARLET GLOBE.—A very desirable variety for open ground or for forcing. It is nearly olive shaped, bright scarlet color, of fine quality. Matures very early and does not become unfit for use as soon as many extra early sorts. Packet, 5c. Ounce, 10c. ¼ Pound, 20c. Pound, 60c.

EARLY SCARLET TURNIP.—The old favorite turnip-shaped radish, of medium size, quick to mature; a very desirable variety. Packet, 5c. Ounce, 10c. ¼ Pound, 15c. Pound, 50c.

EARLY LONG SCARLET.—Short tops, long, deep scarlet roots, fine flavor. Packet, 5c. Ounce, 10c. ¼ Pound, 15c. Pound, 50c.

FRENCH BREAKFAST.—A quick growing, oval-shaped Radish, light color and white tip. Packet, 5c. Ounce, 10c. ¼ Pound, 15c. Pound, 50c.

LONG WHITE ICICLE.—The popular Long White Radish, very early. The best Long White Radish. Skin is pure white; flesh crisp and tender, remaining so for a long time. It is very early, maturing in 25 to 30 days. Makes a fine show when bunched for market. Popular with market gardeners. Packet, 5c. Ounce, 10c. ¼ Pound, 20c. Pound, 60c.

LONG BRIGHTEST SCARLET, WHITE TIP.—Matures in 25 days from planting; continuing crisp until full grown. Packet, 5c. Ounce, 10c. ¼ Pound, 15c. Pound, 50c.

HALF-LONG DEEP SCARLET (Paris Beauty).—Color bright scarlet. Flesh pure white crisp and juicy. Packet, 5c. Ounce, 10c. ¼ Pound, 15c. Pound, 40c.

LARGE WHITE SUMMER TURNIP.—Excellent for summer use. Packet, 5c. Ounce, 10c. ¼ Pound, 15c. Pound, 50c.

LONG WHITE VIENNA, OR LADY FINGER.—This in shape resembles the long scarlet; color snow white; it is of very rapid growth, and remarkably crisp, brittle and tender. Packet, 5c. Ounce, 10c. ¼ Pound, 20c. Pound, 60c.

WHITE STRASBURG.—Large white radish, which stands summer heat, handsome shape and pure white color. (See cut.) Packet, 5c. Ounce, 10c. ¼ Pound, 15c. Pound, 40c.

NEW CHARTIER.—The color at top is crimson, running into pink at middle, and thence downward to pure waxy white. It will attain a very large size before it becomes unfit for use. Packet, 5c. Ounce, 10c. ¼ Pound, 20c. Pound, 50c.

White Strasburg Radish

WINTER VARIETIES.

CHINESE WINTER ROSE.—Packet, 5c. Ounce, 10c. ¼ Pound, 15c. Pound, 50c.

ROUND BLACK SPANISH WINTER.—Packet, 5c. Ounce, 10c. ¼ Pound, 15c. Pound, 50c.

LONG BLACK SPANISH.—Packet, 5c. Ounce, 10c. ¼ Pound, 15c. Pound, 50c.

CALIFORNIA MAMMOTH WHITE.—Largest of all the winter radishes and extensively grown by the Chinese gardeners in California. Grows 10 to 12 inches long and from 2 to 3 inches in diameter. Pure white skin and flesh; solid, crisp and of good flavor. Packet, 5c. Ounce, 10c. ¼ pound, 25c. Pound, 75c.

WHITE SPANISH WINTER.—Large size and a good keeper. Skin and flesh white. Solid, crisp and tender. Packet, 5c. Ounce, 10c. ¼ Pound, 25c. Pound, 75c.

RHUBARB OR PIE PLANT

Very familiarly known as the Pie Plant. The foot stalk is the portion that is used, and is the first vegetable of the season from the garden. Sow the seed early in the spring, in rows 1 foot apart, on rich ground; the second year after planting they can be removed, in autumn, to the permanent spot allotted to them; plant the roots 2 feet apart each way, in ground that is well enriched, at least 2 feet deep. Packet, 5c. Ounce, 20c. ¼ Pound, 40c. Pound, $1.25. Roots, 10c. Each. Roots, $1.00 per Dozen. $6.00 per Hundred.

SALSIFY OR OYSTER PLANT

5 to 8 pounds to an acre.

CULTURE.—Sow early in spring in drills fifteen inches apart; cover with fine soil one and one-half inches deep; thin to six inches apart. As soil is strong and inclines to depth and lightness, it proportionately is adapted to salsify. As the leaves resemble grass, be careful they are not mistaken in weeding. Salsify keeps over winter like parsnips.

SANDWICH ISLAND MAMMOTH.—The most popular salsify in cultivation, and far superior to the old varieties in size, weight and productiveness. A strong grower, with large, long, white tapering roots, without tendency to branch. We have taken great care in the selection of our seed stock so as to produce not only good size, but the smoothest roots possible, qualities that will be appreciated both by market and private growers. (See cut.) Packet, 5c. Ounce, 15c. ¼ Pound, 40c. Pound, $1.50.

SQUASH—Kurbis

Bush sorts, 1 ounce for 50 hills. Running varieties, 3 to 4 pounds, in hills, for an acre.

CULTURE.—After the weather is settled and warm, plant in hills five to eight feet apart. Rich soil is best, but if necessary the hills alone may be enriched.

EARLY WHITE BUSH SCALLOPED, OR PATTY PAN.—The best for early market use. Preferred for table. (See cut.) Packet, 5c. Ounce, 10c. ¼ Pound, 20c. Pound, 60c.

SUMMER CROOKNECK.—Early, fine flavor; a desirable table sort. Packet, 5c. Ounce, 10c. ¼ Pound, 20c. Pound, 60c.

BENNING BUSH.—Earlier than the White Bush. Color very light shade of green, bush habit, very productive and attractive appearance. The improvement of the Benning Bush Squash over the old sort is quite distinct, in that it is earlier and has a very beautiful light shade of green color, in place of the creamy white which the older sort has. Packet, 5c. Ounce, 10c. ¼ Pound 25c. Pound, 75c.

BOSTON MARROW.—A splendid winter squash of good keeping qualities. Flesh bright orange; fine grain and flavor unsurpassed. Packet, 5c. Ounce, 10c. ¼ Pound, 20c. Pound, 50c.

HUBBARD.—A desirable sort, suitable for winter use. Packet, 5c. Ounce, 10c. ¼ Pound, 25c. Pound, 75c.

SPINACH—Spinat

One ounce for 100 feet of drill. Sow 10 to 12 pounds to the acre.

CULTURE.—Should be planted in very rich ground—the richer the better. It is an important market gardener's crop of easy culture. Sow broadcast or in drills if drilled, 12 to 15 inches apart and 1 inch deep, as early as the ground can be worked. Begin thinning out the plants when the leaves are an inch wide. It also is sown in August for fall cutting, and late in September to stand over winter for spring cutting.

NEW LONG SEASON.—The best for spring sowing, because it will stand longer before running to seed than any other variety. ¼ Pound, 25c. Pound, 75c.

BLOOMSDALE SAVOY.—Well known and popular with market gardeners. The best and most profitable. Very curly. ¼ Pound, 25c. Pound, 75c.

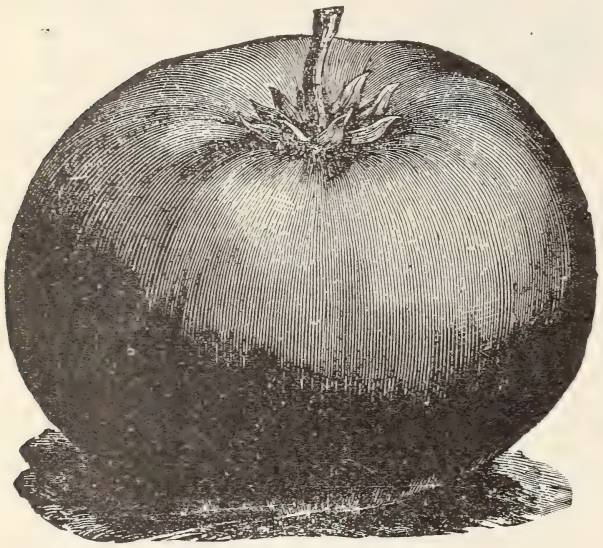
NEW SPRING.—A valuable sort; its attractive dark green color, long standing and hardy character make it desirable for both spring and late sowing. Ounce, 10c. ¼ Pound, 25c. Pound, 75c.

True Bloomsdale Curled Savoy Spinach

TOMATO—Liebesapfel

One ounce will produce about 1,200 plants; quarter pound to transplant for an acre.

For very early fruit the seed should be sown in a hot-bed about the first week in March in drills 5 inches apart and half inch deep. Later sowings may be made until the last of April. Sufficient plants for a small garden may be started by sowing a few seeds in a shallow box or flower pot and placing in a window in the house. When the plants are 3 or 4 inches high they should be set out 4 or 5 inches apart in another hot-bed or cold-frame, or removed into small pots, allowing a single plant to a pot. Expose to the air as much as possible to harden. Water freely at time of transplanting, andshelter from the sun a few days until the plants are established. Cultivate thoroughly as long as vines will permit, but the last two or three workings should be very shallow (surface cultivation) or the crop may be badly injured, especially if the cultivator is run too near the plants. Tomatoes will admit of training to stakes or trellises, and the fruit is very much improved, not only in appearance but in quality.



Prize-Taker Tomato

"BONNY-BEST" EARLY TOMATO.

Enormously prolific, scarlet red, globe-shaped fruits, smooth and ripening evenly without cracking. This new variety is fully ten days earlier than Chalk's Early Jewel, and within two or three days as early as Earliana. It is a vigorous grower, enormously prolific, with larger foliage than the Earliana, which will protect the fruit from the hot sun on days when early varieties with less foliage would scald. In color it is a beautiful scarlet red. Packet, 5c. Ounce, 25c. ¼ Pound, 75c. Pound, $2.50.

CHALK'S EARLY JEWEL.—An extremely early variety of brightest scarlet color, deep fruited, very hardy and solid, with few seeds and of excellent flavor. The popular early variety. Packet, 5c. Ounce, 20c. ¼ Pound, 50c. Pound, $1.50.

EARLIANA.—The Earliest large Tomato. Is not only remarkable in earliness, but for its very large, uniform size, handsome shape, red color and wonderful productiveness. Packet, 5c. Ounce, 20c. ¼ Pound, 75c. Pound, $2.50.

ACME.—One of the earliest and best purple sorts; of medium size, perfectly smooth, very solid and a great bearer, crimson color with pinkish cast. Packet, 5c. Ounce, 15c. ¼ Pound, 50c. Pound, $1.75.

JOHN BAER EXTRA EARLY.—Scarlet fruited, hardy and productive. Shippers should try it. Packet, 5c. Ounce, 25c. ¼ Pound, 75c. Pound, $3.00.

RED ROCK.—One of the finest for canning, being extraordinarily solid, smooth and red. No other variety has any better qualities than the Red Rock. Of fine flavor, very meaty and wonderfully free from acid. A heavy producer and good shipper. We think it is the coming Tomato for main crop and canners' use. Packet, 5c. Ounce, 25c. ¼ Pound, 60c. Pound, $2.00.

JUNE PINK TOMATO.—In habit of growth this is similar to the Earliana. The plant is compact, branching freely, has fruits hanging in clusters. Claimed to be as good a yielder as Spark's Earliana, and shows no tendency to blight. Per Packet, 5c. Ounce, 25c. ¼ Pound, 60c. Pound, $2.00.

CRIMSON CUSHION, OR BEEFSTEAK TOMATO. Is very large, round and regular; bright scarlet skin, flesh solid, best quality, seed cells small and few. Plants are very prolific, fine appearance, good shipper. Packet, 10c. ½ Ounce, 20c. Ounce, 30c. ¼ Pound, 75c.

TOMATO PLANTS.—Ready after April 15th.

Best varieties in any quantities.

LIVINGSTON'S BEAUTY TOMATO.—The finest, large-fruited, early purple variety. A decided favorite for home market or shipping, being early, hardy, a strong grower, productive, large, always smooth, perfect shape and excellent in quality. Color a very glossy crimson, with a tinge of purple. Grows in clusters of 4 to 6 large fruits, retaining its large size late in the season. Ripens early and is entirely free from ribbed and elongated fruit. Flesh very firm, has a tough skin and but few seeds. Seldom rots or cracks after a rain. Packet, 5c. Ounce, 20c. ¼ Pound, 50c. Pound, $1.75.

TOMATO—Continued

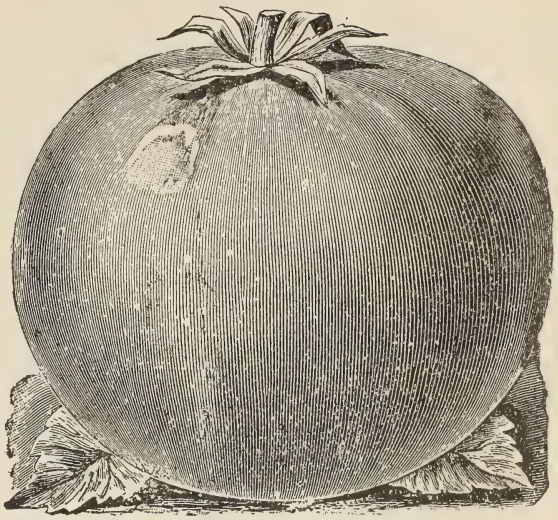
NEW STONE.—This variety has obtained great favor with canners, and market gardeners everywhere. Its solidity and carrying qualities are remarkable. Its color is a desirable red; in shape, perfectly smooth and thicker from stem to blossom end than most varieties. Packet, 5c. Ounce, 20c. ¼ Pound, 50c. Pound, $1.75.

PONDEROSA.—It is the largest-fruited deep-colored Tomato known, of very fine quality, solid, almost seedless and free from acid. The vines are strong, rather open growth; fruits largely oblong in form and deep through. Packet, 5c. Ounce, 25c. ¼ Pound, $1.25. Pound, $4.50.

MATCHLESS.—One of the best main crop tomatoes. The solidity, absence of core, size and color of the fruit, together with its freedom from rot, all unite in making this well worthy of the name of "Matchless." Fine both for private and market gardening and canning. Packet, 5c. Ounce, 20c. ¼ Pound, 50c. Pound, $2.00.

PEAR-SHAPED YELLOW TOMATO.—Handsome, bright, pear-shaped, yellow fruit. Packet, 5c. Ounce, 25c. ¼ Pound, 75c.

PLUM-SHAPED YELLOW TOMATO.—Round and regular; bright yellow; used for pickling. Packet, 5c. Ounce, 25c. ¼ Pound, 75c.



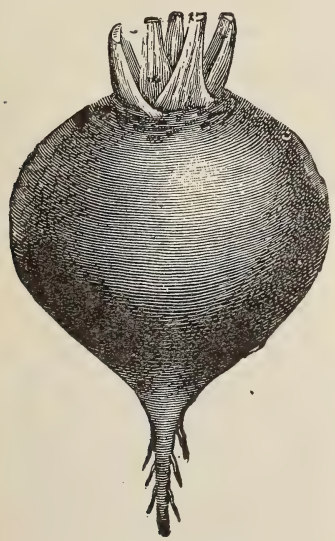
New Stone Tomato

TURNIP—Stukrube

For early crop sow in latter part of April; for fall and main crop from middle of June until last of August.

One pound is sufficient to sow an acre.

EXTRA EARLY PURPLE TOP MILAN.—Earliest turnip in cultivation, fit for use a week sooner than others. Suitable for spring or fall planting. Bulb forms very rapidly, making but few and small leaves. The turnips are flat, smooth white with purple top. Packet, 5c. ¼ Pound, 30c. Pound, $1.00.



Rutabaga or Swede

YELLOW ABERDEEN.—Hardy, good keeping turnip; yellow flesh and very productive. Ounce, 5c. Pound, 40c.

SEVEN TOP.—A variety much grown in the South for the tops, which are used as greens. Packet, 5c. Ounce, 10c. ¼ Pound, 15c. Pound, 40c.

ORANGE JELLY, OR GOLDEN BALL.—Undoubtedly among the most delicate and sweetest yellow-fleshed turnips yet introduced. Not of large size, but firm, hard and of most excellent flavor. Packet, 5c. ¼ Pound, 10c. Pound, 40c.

PURPLE TOP STRAP LEAF.—A white, flat strap leaf turnip, with purple top; mild flavor and very popular for early use and general crop. Ounce, 5c. Pound, 40c.

PURPLE TOP WHITE GLOBE.—A standard white variety, with purple top, handsome globe-shaped, and heavy cropper; leading turnip among truckers and gardeners. Ounce, 5c. ¼ Pound, 15c. Pound, 40c.

AMBER GLOBE.—A good variety for general crop. Flesh solid and sweet; keeps well late in spring, grows large; fine for table or stock. Ounce, 5c. Pound, 40c.

Purple Top Globe

IMPROVED AMERICAN PURPLE-TOP RUTABAGA.—Very hardy and productive; flesh yellow, solid and sweet; good for table use or stock. Ounce, 5c. Pound, 50c.

SELECT FLOWER SEEDS

In the following pages is offered a carefully chosen list of Flower Seeds, in which no want of the flower-garden has been neglected, the numerous varieties insuring a wide range of color, form, height, habit and season, thus permitting selection for any and every ornamental purpose.

We sell six 5-cent packets of seeds for 25 cents. Thirteen 5-cent packages for 50 cents. 10-cent packets count as two 5-cent packets.

All Flower Seeds mailed free on receipt of price quoted. Cultural directions on each packet.

Mignonette

ASTERS.—Of all garden flowers from seed there is none that gives more satisfaction than the Aster. There is an early, medium and late sort now of rare beauty, so that you can have flowers from June until frost. Our sorts are the best. Packet, 5c.

ALYSSUM, SWEET.—Of dwarf, compact habit, four to six inches in height. It begins to bloom when quite small, and the plants are a solid mass of white from spring to late in autumn. Packet, 5c.

AMARANTHUS (JOSEPH'S COAT).—Tricolor; a hardy annual with leaves of red and green; well known as "Joseph's Coat." The colors being especially brilliant if grown in rather poor soil. Packet, 5c.

BALLOON VINE.—Remarkable for its inflated membraneous capsules containing the seed. It is sometimes called "Love-in-a-Puff." A rapid and graceful climber. Flowers white. Tender annual; six feet high. Packet, 5c.

BALSAM (LADY'S SLIPPER, OR TOUCH-ME-NOT).—Our Camellia-flowered strain produces the finest double blooms, and is quite a revelation compared with the old varieties. Sow in rich soil for the finest blooms. Packet, 5c.

CALLIOPSIS, OR COREOPSIS.—Very showy border plants, producing in great profusion and for a long time flowers which are bright yellow and rich brown, either self-colored or with these colors and red contrasted. Packet, 5c.

CANARY BIRD FLOWER.—A beautiful climber with curiously-shaped little canary-colored blossoms. Will blossom freely from July until killed by frost. Tender annual. Packet, 5c.

CANDYTUFT.—Showy, branching plants six to eighteen inches high. Indispensable for cutting and very effective in beds or masses. If sown in spring will blossom from July to September, or in the fall will blossom from May to July. Hardy annual. Fine mixed. Packet, 10c.

MARGUERITE CARNATION.—The plants of this wonderfully fine strain may be made to flower in four months. The flowers are large, double and very fragrant, and appear in very attractive shades of color. One of the best "pinks" in cultivation. Packet, 5c.

CENTAUREA (BACHELOR'S BUTTONS).—Popular Everlastings, bearing hundreds of clover-like heads of different colors. Useful also for bedding and borders. Packet, 5c.

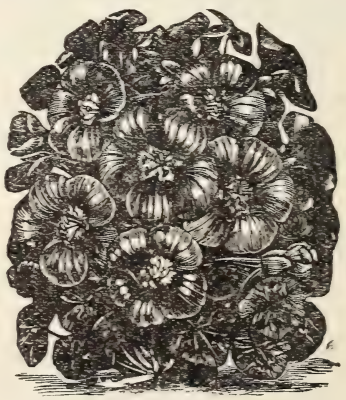
CASTOR BEAN, OR RICINUS.—Tall, majestic plants for lawns, with leaves of glossy green, brown or bronzed metallic hue and long spikes of scarlet, or of green, prickly fruit. Of very quick growth in rich soil. Tender annual; six to fifteen feet high. Packet, 5c.

COSMOS.—Of all fall flowers there is none that has become so popular as Cosmos. Sow the seed in March, April and May, and will bloom in September. Does best in light, rich soil, in sunny places; grows about seven feet high. Flowers are borne on long stems in clusters of pink, dark pink, and white colors. Fine for house and church decorations. Packet, 5c.

CONVOLVULUS MINOR (DWARF MORNING GLORY).—Dwarf plants of trailing, branching habit, each covering a space about two feet in diameter. At midday they are completely covered with a mass of pure white and brilliant, many-colored blossoms, which remain open in clear weather till evening. Half hardy annual; one foot high. Mixed, Packet, 5c.

CYPRESS VINE.—A most beautiful climber with delicate, dark green, feather foliage, and an abundance of bright, star-shaped, rose, scarlet, or white blossoms, which contrast most effectively with the graceful foliage. Tender annual; about fifteen feet high. Mixed, Packet, 5c.

FOUR O'CLOCK (MARVEL OF PERU).—The plants are large, and each needs three or four feet of space each way for its best development. The flowers are funnel-shaped, white, red, yellow or striped with these colors, and open about 4 o'clock in the afternoon. Packet, 5c.

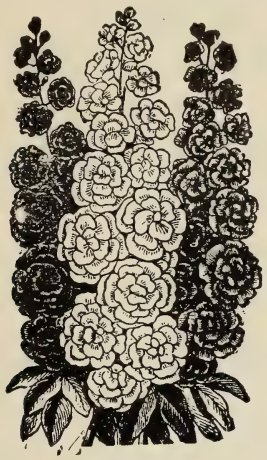


Nasturtium

FORGET-ME-NOT (MYOSOTIS).—A favorite old-fashioned flower, bearing in profusion clusters of blue blossoms. It thrives well in the shade or open border. Hardy perennial. Packet, 5c.

FLOWER SEEDS—Continued

ESCHSCHOLTZIA (CALIFORNIA POPPY).—The State flower of California. A genus of the Poppy family, fully as valuable as the common Poppy for garden ornamentation, as it blooms almost continually throughout the season. A bed of these in full bloom is most handsome and beautiful in color. Hardy annuals; height, one foot. Mixed, Packet, 5c.



Hollyhock

FOXGLOVE (DIGITALIS).—Grows to the height of three or four feet, affording dense spikes of brilliantly-colored flowers which are terminal and half as long as the height of plant. Colors white, lavender and rose. A valuable flower in every perennial garden; does not usually blossom until the second year. Hardy biennials or perennials. Packet, 5c.

GOURD (CUCURBITA).—A tribe of climbers with curiously shaped and colored fruit. Being of rapid growth, they are fine to cover old fences, trellises, stumps, etc. Tender annual; 10 or 20 feet high.

DISH CLOTH.—A rapid climber, having long, green fruit, the inside fibrous mass of which, when the shell and seeds are removed, makes an excellent bath sponge. Packet, 5c.

ORANGE.—The well-known Mock Orange. Packet, 5c.

PEAR-SHAPED.—Striped yellow, green and cream. Packet, 5c.

HELIOTROPE.—Highly valued for the fragrance of their flowers and duration of bloom. Half hardy perennial, blooming the first year from seed. Dark varieties. Mixed, Packet, 5c.

HOLLYHOCK.—The most majestic of hardy plants of the garden. When planted in rows in the garden or among shrubbery the effect is beautiful. Packet, 5c.

LARKSPUR (DELPHINIUM).—An old-fashioned, very choice, especially hardy annual, which increases in beauty each year. Vast improvements have been made by careful selection and attentive culture in size and color of the blossoms. Packet, 5c.

LOBELIA.—The dwarf and trailing varieties are fine for bedding, borders or hanging baskets; blooms profusely from June until November. Packet, 5c.

MARIGOLD.—One more of the old-time favorite; an annual of easy culture, extremely effective, suited well for bedding in masses. Packet, 5c.

MIGNONETTE.—Few ladies would think that a garden was complete without Mignonette. For fragrance and beauty there are few flowers that are as universally admired. Packet, 5c.

MOON FLOWER (IPOMEA GRANDIFLORA).—At night and dark days the plants are covered with an abundance of large, pure white, fragrant flowers, five to six inches in diameter. It grows very rapidly, and will cover a very large surface. Packet, 10c.

MORNING GLORY.—Climbers of rapid growth, bearing flowers of all possible shades. So well-known it needs no description. Packet, 5c.

MORNING GLORY (IMPERIAL JAPANESE).—They are unquestionably the handsomest climber vine in existence. Easily cultivated, can be sown in open ground in a sunny situation as soon as the weather is warm. The flowers are very large and most beautiful. Packet, 10c.

NASTURTIUM.—For easy culture and general satisfaction there is nothing that excels the Nasturtium. Brilliant in color and of great variety. A bed of these fine bloomers adds tone and elegance to any flower garden.

NASTURTIUM, TALL SORTS.—Mixed. Packet, 5c. Ounce, 10c. ¼ Pound, 25c. Pound, 75c.

NASTURTIUM, DWARF SORTS.—Mixed. Packet, 5c. Ounce, 10c. ¼ Pound, 25c. Pound, 75c.

PANSIES.—Our selection of this well-known flower is, we believe, the best that is offered anywhere for size, variety and beauty, and have no equal. To grow pansies and secure the largest and best flowers, the seed should be sown in January and February in the greenhouse or in boxes in the house. Packets, 5 and 10c.

PHLOX DRUMMONDI.—Very hardy annuals, unequaled in the magnificent display of their many and brilliantly colored flowers. They will grow even in poor soil, but in order to develop to their highest perfection must have rich soil and must be given room. Choice mixed. Packet, 5c.

PINKS (Dianthus). Double Japan Mixed (Chinensis laciniatus).—The flowers are rich in hue; very double, deep-fringed petals. Colors vary from white to rose, lilac, carmine, crimson, scarlet, purple, brown and almost black, spotted and striped. Mixed. Packet, 5c.

Pink.

PETUNIA.—Petunias are unsurpassed for massing in beds. Their richness of color, duration of bloom and easy culture will always render them popular. The modern improved varieties are in this mixture. Packet, 5c.

POPPY (PAPAVER).—Well-known hardy annuals and perennials, flowering in great profusion throughout the summer. Sow early in the spring where the flowers are to bloom, and cover lightly. Packet, 5c.

SUNFLOWER (LARGE RUSSIAN).—For planting and bird food. Price, 10c. per Pound.

FLOWER SEEDS—Continued

PORTULACA.—There are few flowers in cultivation that make such a dazzling display of color in the bright sunshine as a bed of portulacas. They are in bloom from about the first of July till killed by frost in autumn. Fine mixed. Packet, 5c. and 10c.

SALVIA SPLENDENS (SCARLET SAGE).—Large, brilliant scarlet flowers are in these plants afforded a rich dark green background of dense foliage. This variety is most generally used in parks and on extensive lawns. Packet, 10c.

SWEET WILLIAM.—A very beautiful class of easily grown and very hardy plants of extreme richness and diversity of colors, deliciously sweet scented. Nothing surpasses this old rugged favorite for clumps or borders. Hardy perennials; about one foot. Packet, 5c.

VERBENA.—Flower produces a mass of flowers from spring to late fall. Our strain is as fine as the world produces. Large flowers and free blooming. Packet, 5c.

WALLFLOWER.—Well-known, very fragrant garden plant, blooming early in the spring, with large, conspicuous spikes of beautiful flowers; prized for bouquets. Packet, 5c.

ZINNIAS.—One of the most brilliant annuals; a general favorite, its splendid double flowers rivaling in beauty, size and form moderate-sized dahlias. Choice mixed, Packet, 5c.

SWEET PEAS.

ECKFORD MIXED.—All colors. Packet, 5c. Ounce, 10c. ¼ Pound, 25c. Pound, 75c.

Bulbs are not sent postpaid

SUMMER FLOWERING BULBS

CALADIUM ESCULENTUM (ELEPHANT'S EAR). One of the handsomest of the ornamental-leaved plants. Roots obtained in the spring will make good plants in the summer, and in the fall they should be taken up and stored in the cellar. Leaves three feet or more in length, nearly as broad. There is nothing so good as this Caladium for a grand bed for foliage in the garden. Large-sized bulbs, 15c. and 25c. each. Medium-sized bulbs, 10c.

CANNAS.—The Canna is one of the most beautiful of all bedding plants. No other plant is better adapted to our climate, and nothing, costing so little, excels them for masses and beautiful foliage, as well as the abundance of dazzling bloom in many shades. Plant outdoors about the middle of May, if the weather is warm and settled. When planting out the bulbs do not water too freely until well started; then they should have an abundance. Set the bulbs one to two feet apart, according to circumstances. Roots, each, 5c. Dozen, 50c.

DAHLIAS.—The Dahlia is one of the showiest of all autumn flowers. Commencing to flower in July, they are a perfect blaze of bloom until stopped by frost. Especially fine for cut flowers We know of nothing more showy for table decoration than a loosely-arranged bouquet of long-stemmed dahlias. Each, 10c. Dozen, $1.00.

GLADIOLUS.—One of the most attractive of summer flowering bulbs. Excellent for mixed beds, and produce gorgeous effects if massed in large clumps. For a succession of bloom throughout the summer plant at intervals from April till June. Extra-sized bulbs, per dozen, 20c. Per 100, $1.25.

MADEIRA VINE ROOTS.—On account of its very rapid growth and thick shade, this is one of the most popular climbers. Will run twenty feet or more in a season. Each, 5c. Dozen, 40c. 100, $2.50.

TUBEROSE.—The Tuberose is a beautiful pure white, waxlike, very sweet-scented, double flower, growing on tall stems, each stem bearing a dozen or more flowers. Our Tuberoses are all first-sized, and splendid bulbs. Per dozen, 20c. Per 100, $1.25.

Mulford Cultures

FOR LEGUMES

To Inoculate Your

Alfalfa, Clovers, Cow Peas, Soy Beans, Vetches and All Other Legume Crops

MULFORD CULTURES contain pure, tested strains of active, vigorous nitrogen-fixing bacteria for inoculating seeds of legumes or soil.

MULFORD CULTURES are "different" and should not be confused with other brands.

The color is different (they are dark, almost black, due to a special ingredient added to increase the growth and activity of the bacteria).

The count is different (bacterial counts show fully twice as many bacteria as in the old-form cultures).

The bottle is different (being sealed—an important feature which prevents all possibility of contamination from the outside air).

INCREASE YOUR CROPS—IMPROVE YOUR SOIL

PRICES:

Mulford Cultures are supplied for the varieties of legumes listed at the following prices:

5-Acre Size..$5.00 ("A Dollar per Acre") 1-Acre Size.....$1.50 Garden Size (¼ acre).....50 cts.

(These prices include delivery on freight shipments.)

Special prices on lots of twenty-five acres or more on one order, either of one kind or assorted.

GRASSES AND CLOVER SEEDS

All prices on application.

TIMOTHY (Phleum Pratense).—A field and not a pasture grass, as it will not endure close and frequent cropping; but for a hay crop on strong soils it will produce more than any other sort. One-quarter to one-half bushel per acre. Bushel, 45 pounds.

ORCHARD GRASS (DACTYLIS GLOMERATA).—One of the very best pasture grasses, as it is exceedingly palatable to stock, and will endure a good deal of cropping. One and a half to two bushels per acre. Bushel, 14 pounds.

KENTUCKY BLUE GRASS.—Is the most nutritious, hardy and valuable of all northern grasses. For meadow or pasture, sow about 28 pounds per acre. Sow early in the spring or in October or November. Bushel, 14 pounds.

RHODE ISLAND BENT (AGROSTIS CANINA).—A fine and very permanent grass, chiefly used for pastures or lawns, for which it is one of the best. Bushel, 14 pounds.

GERMAN, OR GOLDEN MILLET.—Medium early forage plant, prolific in stalk and grain. Twenty-five pounds to an acre. Bushel, 50 pounds.

RED TOP FANCY.—(Cleaned from chaff.) It is a good, permanent grass, standing our climate well, and makes good pasture when fed close. Is valuable for low, wet meadows, producing a large return in good hay. Sow in spring and fall, eight to ten pounds per acre. Bushel, 14 pounds.

CLOVERS

MEDIUM RED (TRIFOLIUM PRATENSE).—Excellent for pasture or hay; valuable as a green manure, and should be in all grass mixtures. Eight to ten pounds per acre when sown alone.

ALSIKE, OR SWEDISH (TRIFOLIUM HYBRIDUM).—Thrives in rich, moist soil. Does not succeed on high, dry land. Six pounds per acre.

SCARLET, OR CRIMSON (TRIFOLIUM INCARNATUM).—Most valuable crop for green manuring, soiling, hay, pasture and ensilage. It is an annual and must be sown every year. Improves worn out and poor soils, and is the cheapest and best fertilizer. Being a winter crop, it should be sown in August and September. Sow 10 to 15 pounds per acre. Bushel, 60 pounds.

ALFALFA, OR LUCERNE (MEDICAGO SATIVA).—Where this succeeds it is the most valuable of all the clovers; requires a very fine, mellow deep soil. Sow 20 pounds to the acre.

MAMMOTH RED (TRIFOLIUM PRATENSE).—Used largely for plowing under for manure. By judicious use exhausted lands can be reclaimed, as it will grow where common clover will fail. Eight pounds to the acre.

WHITE (TRIFOLIUM REPENS).—Valuable to mix with lawn grass. Should be in every mixture for permanent pasture.

SORGHUM

EARLY AMBER CANE.—The earliest, and makes the finest quality of forage or syrup. Best seed.

COW PEAS

Will Make You Rich!

SOW THEM.—For forage crops. After grain crops. On vacant land. Last working of corn. Put Cow Peas in every available piece of land you have—they will wonderfully increase the value and productiveness of your entire farm.

BEST VARIETIES TO PLANT.

Clays, Whip-poor-wills, New Era, Mixed, Soja Beans, Black Cows, Black Eyes, Canada Field Peas, etc. All our Cow Peas are fancy re-cleaned, free from hulls. Write for our lowest prices. Catalogue FREE.

BUCKWHEAT

Sow at the rate of one bushel per acre broadcast in June, July, or in early August.

NEW JAPANESE.—This new sort has proven to be much earlier and more productive than any other variety. Grains very large and rich brown color. It excels all in yield and earliness.

DWARF ESSEX RAPE.—This crop is very highly recommended for pasturage for sheep and cattle, furnishing most rich and nutritious pasturage within six to eight weeks from the time of sowing. The fattening properties of Rape are said to be very much better than those of clover. Sow three to five pounds per acre in drills, six to eight pounds per acre broadcast.

HAIRY, OR WINTER VETCH.—This is one of the most valuable forage crops for the South, but requires to be sown in the fall for best results. Can be sown any time from July to October. Succeeds admirably sown at the last working of corn or cotton with winter oats or wheat. Should be sown at the rate of 20 to 30 pounds to the acre with one bushel of oats or three-fourths bushel of wheat. The oats or wheat help to hold the Vetch off the ground, enabling it to make a better growth.

WHITE SPRING OATS.—Sow at the rate of two bushels per acre in February, March or April—the earlier the better.

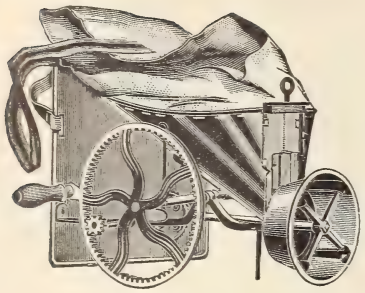
Special prices on large lots.

SELECTED SEED CORNS

BOONE COUNTY WHITE.—A large-eared variety of White Corn. It has deep, soft and very white grains; it is a vigorous grower and has become very popular, and has probably taken more premiums than any other variety of corn for the last few years. Being a soft corn, it is excellent for stock feeding, but it is more liable to rot on the stalks in a bad, wet season than harder varieties. Our seed is grown from premium stock.

COCKE'S PROLIFIC.—A very valuable white variety, making enormous yields on rich land. Especially adapted to river bottoms or lands subject to overflows; on account of its flintiness it can be shocked and harvested early and will not rot in the shock; grains white and flinty; superior for meal and hominy.

GOLDEN BEAUTY.—A broad-grained, large-eared variety, maturing in about 120 days; cob is small; grain very heavy, and of a beautiful golden yellow color.



CAHOON'S BROADCAST SOWER

For sowing Clover, Timothy, Millet, Oats, Wheat, Hemp, Barley, Rye, Rice, Buckwheat, etc. Standard Seeder of the World—A Model for Accuracy and Durability—Malleable Iron Frame—Steel Hopper and Gate—Brass Discharger.

The breadth of the cast will be according to the weight of the seed. Wheat and Rye, 30 to 36 feet. Oats, 21 to 25 feet. Barley, 27 to 33 feet. Clover, Millet, Hungarian Seed, 20 to 24 feet. Hemp, 27 to 30 feet. Timothy, 15 to 18 feet.

OUR SPECIAL PRICE, $3.00.

HIGH-GRADE FERTILIZERS

The Yield and Quality of Vegetables Depend Upon Continuous and Rapid Growth.

MANN'S PURE RAW BONE

Pure animal bone is one of the best and most satisfactory fertilizers that the farmer can use. It can always be relied upon to give excellent results upon the growing crops, at the same time acting as a permanent improver, showing its results for several years afterwards wherever it is applied. It is the best of dry-weather fertilizers, as, if it is prevented by draught from acting, its strength still remains in the soil, and is thus available when seasonable weather comes on, or for later crops.

ANALYSIS.

Bone Phos. of Lime.....45 to 55 per cent.
Ammonia..... 2½ to 3½ per cent.

Put up in 167-pound bags, 12 bags to the ton.

SPECIAL CORN AND OATS FERTILIZER

We recommend this specially-prepared fertilizer for Corn and Oats. Its use will greatly increase the yield.

ANALYSIS.

Ammonia.....1 per cent.
Avail. Phos. Acid.....8 per cent.
Potash (Available).....1 per cent.

Put up in 167-pound bags, 12 bags to the ton.

STANDARD POTATO FERTILIZER

This fertilizer is especially prepared for Irish and Sweet Potatoes, but will give splendid results on all root crops. We cheerfully recommend this brand to anyone wanting a high-grade POTATO FERTILIZER. We ask you to give it a trial.

ANALYSIS.

Ammonia.....2½ per cent.
Phos. Acid.....8 per cent.
Potash (Actual).....1 per cent.

Put up in 167-pound bags, 12 bags to the ton.

PULVERIZED SHEEP MANURE

This is purely a natural and most nutritious plant food, clean to handle, and its effect is immediate and lasting. There is nothing better to mix with soil for potting plants. Florists who use it extensively advise mixing about one-seventh manure and six-sevenths soil. As a top dressing for lawns, it is unequaled. Four Pounds, 25c. Ten Pounds, 40c. Twenty-five Pounds $1.00. Hundred Pounds, $2.00.

SPECIAL PRICES IN TON LOTS.

7 Per Cent. TRUCKERS FERTILIZER

This Fertilizer we can recommend for a high-grade Truck Fertilizer, as we have prepared these goods to meet such a demand as our gardeners require for Cabbage, Tomatoes, Peas, Beans, etc.

ANALYSIS.

Ammonia.....7 per cent.
Phos. Acid.....6 per cent.
Potash.....3 per cent.

Put up in 167-pound bags, 12 bags to the ton.

POTOMAC "A" AMMONIATED SUPER-PHOSPHATE

This is our well-known brand of General-Crop Fertilizer, and has stood the test for more than 25 years. As a Fertilizer we cannot speak too highly for this brand for all early vegetables.

ANALYSIS.

Ammonia.....2 per cent.
Avail. Phos. Acid.....8 per cent.
Potash K. O.....1 per cent.

Put up in 167-pound bags, 12 bags to the ton.

MANN'S SPECIAL GRAIN AND GRASS MIXTURE

A grade of Fertilizer which we can recommend for grain and grass, put up in 167-pound bags, 12 bags to the ton.

ANALYSIS.

Ammonia.....1¼ per cent.
Avail. Phos. Acid.....8 per cent.
Potash.....1 per cent.

Put up in 167-pound bags, 12 bags to the ton.

FINE GROUND FISH
GROUND TANKAGE
HIGH-GRADE ACID PHOSPHATE
KAINIT, MURIATE OF POTASH
NITRATE OF SODA
LAND PLASTER
Prices on Application

INSECTICIDES

HAMMOND SLUG SHOT

1-Pound Carton, 15c. 5-Pound Packages, 30c.

A non-poisonous powder; it requires no further mixing or preparation; easily applied; not injurious or dangerous to animals, the person applying it or fruits and vegetables treated; destroys potato bugs and beetles, green and black fly, slugs, worms, caterpillars, etc. Ten to forty pounds is sufficient for an acre.

5-Lb. Package.....35c. 10-Lb. Package.....60c.

HAMMOND'S GRAPE DUST

For Mildew and Blight.

5 Pounds, 40c.

LIME SULPHUR SOLUTION

This material combines the great fungicidal properties of Sulphur with the scale remedy, and is specially recommended for peach and plum trees which need the combined treatment in the fall and spring. In spraying this material care should be exercised to avoid getting it in the eyes, and gloves should be worn to protect the hands. Prices:

1-Qt. Cans	.30c.	10-Gal. Cans	$3.50
½-Gal. Cans	.50c.	½ Bbl., per Gal.	.16
1 -Gal. Cans	.75c.	1 Bbl., per Gal.	.14
5-Gal. Cans	$2.00		

Add 9 to 10 parts cold water to one part of LIME SULPHUR SOLUTION and stir thoroughly. Apply with spray pump.

WHALE OIL SOAP

Makes an elegant wash for trees and plants where insects and eggs affect the bark, and for smearing on the trunks of trees to prevent worms from crawling up.

One Pound, 20c. Five Pounds, 90c. Ten Pounds, $1.80.

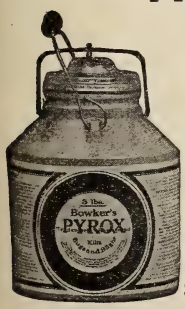
KEROSENE EMULSION (Liquid)

Ready for use by simply adding 12 to 15 parts water to one of mixture. This is strictly an insecticide for all sucking insects. Quart, 40c. Gallon, $1.25. Five Gallons, $5.00.

LEMON OIL

The cheapest, safest and most effectual insecticide extant for all purposes. Destroys all insects on the leaves and roots of plants without injury to flower or foliage, leaving no foreign odor. Half Pint, 25c. Pint, 40c. Quart, 75c.

PYROX (Bowker's)

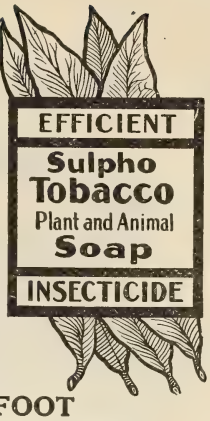


The one best and safest all-round spray which kills all leaf-eating insects and prevents blights and all fungous troubles, without injury, on fruit trees, grapevines, currant bushes, potatoes, cantaloupes, cucumbers, and other garden vegetables, also on rose bushes, shrubbery, etc. Pound, 30c. Five Pounds, $1.25. Ten Pounds, $1.75. Twenty-five Pounds, $4.00. Fifty Pounds, $7.50. Hundred Pounds, $13.50.

FINELY GROUND TOBACCO DUST

One of the cheapest and most effective remedies for lice and worms on cabbages, striped bugs and other insects on melons, cucumbers and squashes. Pound, 5c. Five Pounds, 20c. Hundred Pounds, $3.50.

SULPHO-TOBACCO SOAP



Of special value for spraying shrubs, fruit trees and vines.

3-oz. cake makes 1½ gallons prepared solution, 10c. Mailed, postpaid, for 13c.

8-oz. cake makes 4 gallons prepared solution, 20c. Mailed, postpaid, for 28c.

10-lb. cake makes 80 gallons prepared solution. By express, $3.00.

TREE TANGLEFOOT

A sticky substance applied directly to the bark. To protect trees against climbing insect pests. One application remains sticky, fully exposed to weather, three months. One pound will make a band 7 to 8 feet long. One pound, 35c.

BUG DEATH

A non-poisonous powder. It is sure death to all plant-eating pests. One-pound Package, 15c. Three-pound Package, 35c. Five-pound Package, 50c. 12½-pound Package, $1.00.

HELLEBORE (Powdered)

An excellent protection from currant worms, grape slugs, caterpillars, etc. May be applied dry or mixed in water—one ounce to three gallons. One-pound Box, 50c.

BORDEAUX MIXTURE

Ready for use by simply adding water.

One pound, 30c., makes five gallons spray. Six pounds, $1.50, makes 30 gallons spray. One quart, 40c. One gallon, $1.25.

"BLACK LEAF 40"

A Concentrated Solution of Nicotine Sulphate.

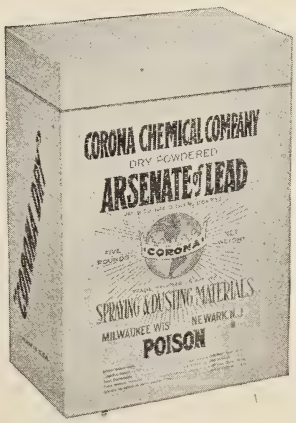
For spraying against sucking insects, such as Green and Woolly Aphis, Pear Psylla, Grape Leaf Hopper, Pear Thrip, etc., use one part Black Leaf 40 to about 900 to 1000 parts water.

Prices.

½-Lb. Can	$ .85
2 -Lb. Can	3.25
10 -Lb. Can	12.50

CORONA DRY

Powdered Arsenate Of Lead.



CORONA DRY is a chemically pure Arsenate of Lead, which is put up in a patent powdered form containing one-third arsenic, the most effective known poison for leaf-eating insects. It mixes readily with water or it may be used dry in its powdered form. It is distinctive for quick poisoning — even application and great adhesiveness. Its purity and unusual chemical activeness give it the highest poisoning power.

Powdered Form.

1-Lb. Pkg., per Lb.	.40c.
5-Lb. Pkg., per Lb.	.35c.
10-Lb. Pkg., per Lb.	.32c.
50-Lb. Pkg., per Lb.	.28c.
100-Lb. Pkg., per Lb.	.25c.

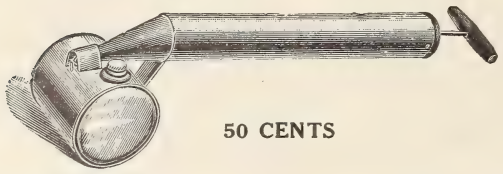
Paste Form.

1-Lb. Pkg., per Lb.	.25c.
5-Lb. Pkg., per Lb.	.20c.
10-Lb. Pkg., per Lb.	.18c.
50-Lb. Pkg., per Lb.	.15c.
100-Lb. Pkg., per Lb.	.13c.

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

SPRAYERS FOR INSECTICIDES

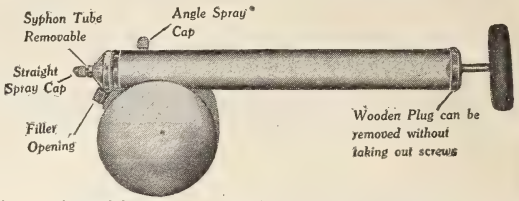
HARVEST HOME SPRAYERS



50 CENTS

These Sprayers throw a very fine spray of any liquids usually used for destroying insects, bugs, etc., and for keeping cattle free from flies during the summer weather.

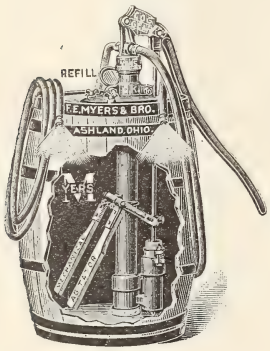
AUTO COMPRESSED AIR SPRAYER


Syphon Tube Removable
Angle Spray Cap
Straight Spray Cap
Filler Opening
Wooden Plug can be removed without taking out screws

Just the thing to use in the greenhouse, window garden, for rosebushes and in the poultry-house.

37b. Galvanized Tank, Brass Tube. Price, 90c.
37c. Brass Tank, Tin Tube. Price, $1.00.

Fig. 1542.



THE MYERS COATING OR PAINTING MACHINE AND SPRAY PUMP

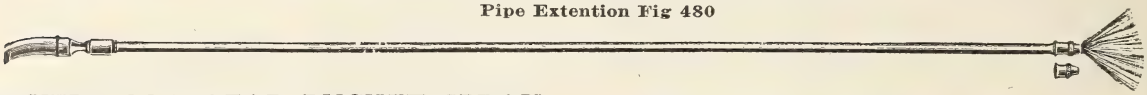
For Painting or Whitewashing Buildings, etc., and Spraying Large Orchards
Brass Cylinders, Brass Valve Seats, Hemp Packed Plunger and Wrought Steel Handle

Fig. 1542, No. R 308B. Outfit same as above, with one lead of 15 feet of 7-ply, ½-inch discharge hose, and one Fembro Nozzle.

Price, $16.00

MYERS' IMPERIAL BRASS SPRAY PUMPS

Pipe Extention Fig 480



MYERS COG GEAR BUCKET SPRAY PUMP

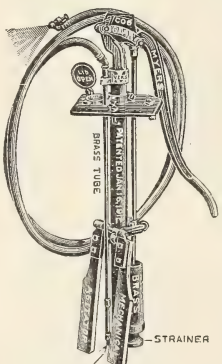
Fig. 1726.

Fig. 1726, No. R324, illustrates the Myers Spray Pump Changing Gear Handle. This pump has 1½-inch diameter brass cylinder with solid plunger, brass ball valve and brass air chamber, discharge tube. The foot rest, head and cog gear handle are malleable iron. The large cylinder in combination with the cog gear handle makes this an exceptionally easy working pump of more than ordinary capacity. Has patented jet agitator which keeps liquid thoroughly mixed.

Price with 3 ft. Rubber Hose	$4.50
Price with 8 ft. Extension Pipes	5.00
Bordeaux Nozzle	.75
Vermorel Nozzle	.75
Extension Pipe	.60

MYERS COG GEAR BARREL SPRAY PUMP WITH MALLEABLE IRON BASE

Fig. 1521.



CYLINDER, VALVES, VALVE SEATS AND DISCHARGE ALL BRASS.

All Working Parts Submerged in Liquid, Hence No Priming Necessary. Has Both Jet and Mechanical Agitator.

Fig. 1521, No. 318B, represents Myers Cog Gear Barrel Spray Pump, with both jet and mechanical agitators, complete with 15 feet of ½-inch 5-ply discharge hose and Myers graduating Vermorel nozzle.

Price..... $10.00

AUTO-SPRAY No. 5

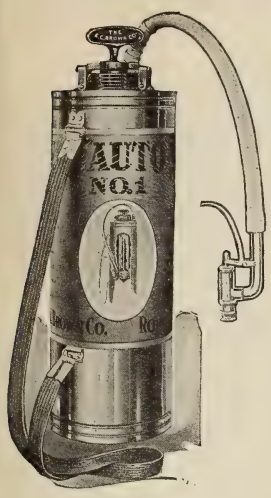
GENERAL PURPOSE BUCKET SPRAY PUMP.

This Pump is the ideal all-purpose hand sprayer. Its field is practically unlimited, as it may be used for spraying trees, vines, garden truck, potatoes and field crops. It also can be used for handling whitewash, disinfectants, etc.

It is made entirely of brass, doing away with all danger of corrosion. All the parts are made on screw machine, and for that reason are interchangeable.

The Pump is double acting. This feature makes the spray continuous. Anyone who has used a single-acting pump of this kind will immediately recognize the advantage in a pump that works on both the up and down stroke. We furnish with this pump 2½ ft. ½-in. suction hose, with heavy strainer, on an extension. Price, $2.50.

BROWN'S AUTO-SPRAY No. 1



Patented

Weight empty, 7 pounds.
Weight loaded, 39 pounds.
Weight shipping, 15 pounds.

A Self-Operating or Automatic Sprayer.

The **Auto-Spray No. 1** is one of the best on the market. It is very strong and practical. When properly charged contains three gallons of solution and one gallon of compressed air. Ten to twelve strokes of the plunger will compress the air and two pumpings will empty the entire contents.

All parts which come in contact with solution are made of brass, and the handle and other parts are made of malleable iron.

Length of cylinder, 21 in.; diameter of cylinder, 7 in.; capacity, about 4 gallons; weight, empty, 7 pounds.

Auto-Spray No. 1C.—Galvanized Reservoir, Stop Cock. Factory List Price, $5.00. Our Special Price, $4.50.

Auto-Spray No. 1D.—Galvanized Reservoir, Auto-Pop. Factory List Price, $5.50. Our Special Price, $5.00.

Auto-Spray No. 1A.—Brass Reservoir, Stop Cock. Factory List Price, $8.00. Our Special Price, $7.20.

Auto-Spray No. 1B.—Brass Reservoir, Auto-Pop. Factory List Price, $8.50. Our Special Price, $7.65.

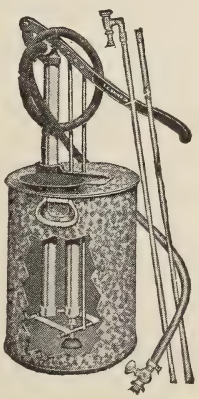
Extras.

Auto-Pop Nozzles	$1.25
Extension Pipe, Brass, 2-foot length,	.60
Brass Elbow Extension	.30
Brass Strainer for straining solutions used in Auto-Spray	1.00

AUTO-SPRAY No. 3

Whitewash and Painting Machine

Capacity, 8 gallons; Net weight, 30 pounds; Shipping weight, 40 pounds.

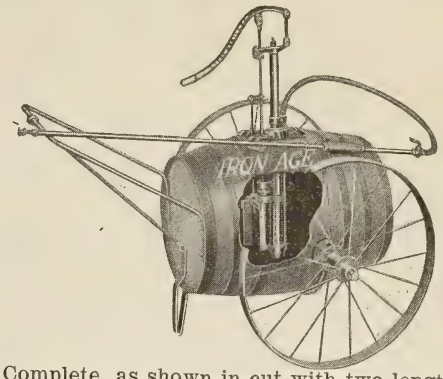


The **Auto-Spray No. 3** is adapted for spraying whitewash, cold-water paint, trees, garden vegetables, plants, vines, etc. It is powerful, simple, perfect mechanically and fully warranted.

The machine is always furnished complete with 8 feet of best 3-ply discharge hose, 8 feet of iron extension pipe, lever shut-off and Vermorel Nozzle.

Auto-Spray No. 3 with Galvanized Tank and full equipment. Our Special Price, $12.00.

"IRON AGE" No. 197
20-Gallon Barrel Sprayer



Complete as shown in cut with two lengths of pipe 2 ft. each, in addition to 33 inches of hose.

Price, $20.00

THE MYERS PORTABLE SPRAYER

Made of Extra Heavy Galvanized Iron; Capacity 12½ Gallons; Suitable for Green House Work, Spraying Trees, Whitewashing, Painting, etc.

A General Utility Pump About the Home.

With Cog Gear Spray Pump, Dasher and Jet Agitator.

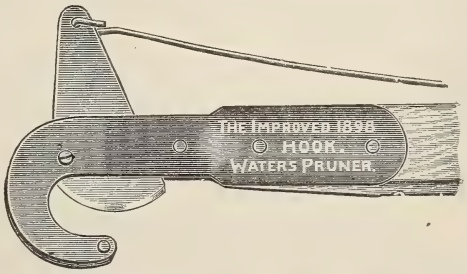
Fig. 1690.

PRICE LIST, Represented by Fig. 1690.

No. R337B, Myers Portable Sprayer, complete as shown in illustration, with Dasher and Jet Agitator, 15 ft. Hose, 8 ft. Extension and Vermorel Nozzle.

Price, $17.50

WATERS' TREE PRUNER



Waters' Tree Pruner is the only pruning implement which requires no skill in sharpening.

It is least liable to get out of order.

4 feet long	$ .85
6 feet long	1.00
8 feet long	1.10
10 feet long	1.20
12 feet long	1.50

Extra Knives, 20 Cents.

PRATTS ANIMAL AND POULTRY REGULATORS AND REMEDIES

PRATTS POULTRY REGULATOR

This is the original Poultry Regulator of America, in use by the most successful poultry-raisers everywhere.

It is a guaranteed egg producer, and when regularly used, hens lay throughout the year.

It is a perfect digestive and tonic and will prevent chicken cholera, gaps, roup, rheumatism, expel worms, prevent leg weakness, egg-eating. It also greatly improves turkeys, geese, ducks, pigeons and guineas—insuring quick, healthy growth.

100-pound bags, $9.00; 25-pound pails at $2.50; 50c. packages, weight 4 lbs.; $1.00 packages, weight 9 lbs.

PRATTS LICE KILLER

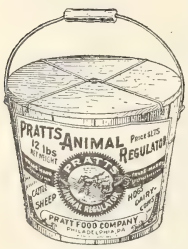
(Powdered Form)

It quickly and thoroughly kills all lice on little chicks, big chicks, setting hens and incubator chicks. It rids horses, cattle, hogs, dogs and cats of lice, and destroys ticks on sheep. It destroys insects and bugs on vines, plants and flowers. A valuable deodorizer and disinfectant, for all poultry-houses, barns, stables and dwellings. Drives out moths from closets, furniture, carpets and clothing. 25c. and 50c.

PRATTS WHITE DIARRHEA REMEDY

This remedy will positively save many dollars worth of little chicks to poultry-raisers. It has taken us nearly three years to find a remedy for White Diarrhea and we are so sure that we have it in this article that we authorize our dealers throughout the world to refund the purchase price in case it fails. Extra large box, 50c.; small size, 25c.

PRATTS ANIMAL REGULATOR



This is the original and pioneer Stock Regulator of America. It keeps horses well and strong, improves their wind, and makes their coat sleek and glossy.

Cows give more and richer milk, the percentage of Butter fat being increased, and their calves are strong and healthy. Steers fatten in half the time.

Hogs are raised and fattened quickly and kept free from disease. Sheep are kept healthy, and their meat and wool improved by its use. Test it on our guarantee to do the work or money refunded.

25-pound pails, $3.00, are popular with our customers; also in 50- and 100-pound sacks and small packages.

PRATTS DIP AND DISINFECTANT

has received the U. S. Government rating for sheep scab (1 part Dip to 70 parts water). Cures sheep of ticks, foot-rot and other diseases; cures cattle of mange, ring-worm, scabies, screw-worms; cures horses of mange, ticks, lice, ring-worm, thrush, galls, cuts, wounds; cures hogs of mange, lice, eczema, fly and maggots; cures dogs of fleas, lice and mange.

1-quart, 35c.; ½-gallon, 60c., and 1 gallon can, $1.00.

PRATTS POULTRY DISINFECTANT AND LICE KILLER

If poultry-keepers would regularly spray the chicken-houses, roosts, dropping-boards and utensils with Pratts Poultry Disinfectant, most all their troubles would vanish. This great Disinfectant is a real wonder-worker in the poultry yard. Put up in 1-quart, 35c., and 1-gallon cans, $1.00.

PRATTS ROUP REMEDY

(Tablets or Powder)

is a scientific preparation GUARANTEED to prevent and cure roup, colds, canker, catarrh and diphtheria.

In severe cases individual treatment with the tablets is the only sure method. For mild cases and as a preventative, crush the tablets or use the powdered form, and mix in the drinking water. Sold in 25c., 50c. and $1.00 boxes.

PRATTS BABY CHICK FOOD

This is one of the greatest Money Savers and greatest Chick Savers ever placed on the market. Every man, woman or child who raises little chicks, turkeys, ducks and geese should try at least one package of Pratts Baby Chick Food. It is a scientific food ration to be fed for the first three weeks. If you want **real success** with your hatches, if you want to save all the baby chicks, if you want them to grow fast—get Pratts Baby Chick Food on our recommendation for your first trial, after that you will never be without it. Put up in 1-pound, 3-pound, 6½-pound packages, also 14-pound, 25-pound, 50-pound and 100-pound bags.

PRATTS CHOLERA REMEDY

is an unfailing remedy for this disease and is a "guaranteed-or-money-back" article which is prepared under our own supervision in our own laboratories. It is administered in the drinking water, and will be found of great value, not only for treating cholera, but also in cases of indigestion, sour crop, dysentery, diarrhea and bowel trouble. 25c. and 50c. a box.

PRATTS SORE HEAD (Chicken Pox) REMEDY

From costly experience poultrymen have learned to dread the digusting disease known as Sore Head or Chicken Pox. They know it will practically ruin the flock unless quickly checked. We guarantee a sure, rapid cure if Pratts Sore Head (Chicken Pox) Remedy is used. 25c. and 50c. a box.

Pratts Head Lice Ointment.....25c.
Pratts Condition Tablets.....25c., 50c.
Pratts Bronchitis Remedy.....25c., 50c.
Pratts Gape Remedy.....25c., 50c.
Pratts Scaly Leg Remedy.....25c., 50c.
Pratts Prepared Worm Powder.....50c.
Pratts Bag Ointment (for cows).....25c., 50c.
Pratts Cow Tonic.....pkgs., 50c.
12-pound pail, $2.00.
Pratts Calf Tonic.....50c.
Pratts Hog Cholera Specific.....pkgs., 50c.
12-pound pail, $2.00.

CONKEY'S POULTRY REMEDIES

We who have been raised in the country have always had trouble with chickens and chicks. We had a few simple mixtures that we gave to sick chickens, but the number we lost was very great and discouraging. Now poultry-raising has become as much a science, and the study of the chicken and its ailments, as any other branch of medicine. We recommend the following remedies as simple and effective:

Conkey's Healing Salve, per package.....50c.
Conkey's Lice Powder, per package.....10c. and 25c.
Conkey's Limber Neck Remedy, per package.....50c.
Conkey's Roup Cure, per package..25c., 50c. and $1.00
Conkey's Gape Cure, per package.....50c.
Conkey's Lice Killer.....1 quart, 35c.; 2 quarts, 60c.
Conkey's Poultry Tonic, per package.....25c.
Conkey's Laying Tonic, per package.....25c.
Conkey's Cholera Cure, per package.....25c. and 50c.
Conkey's Chicken Pox Remedy, per package.....50c.
Conkey's Scaly Leg Remedy, per package.....50c.
Conkey's Bronchitis Remedy, per package.....50c.

THE STAR REMEDIES

Some Of The Star Remedies And Foods For Poultry:

STAR-EGG-O.—A Tonic for Moulting and Laying Fowls, an Egg Producer. Good for Chicks, Turkeys, Ducks and Geese. Prices: 25c., 50c., $1.00 packages; 10-pound pail $1.50; 20-pound pail $2.45.

STAR-CHIC-A.—The 100 per cent. Pure Baby Chick Food. Prices: 10c. and 40c. packages; 12½-pound bag, 90c.; 25-pound bag, $1.60; 50-pound bag, $3.00; 100-pound bag, $5.75.

STAR ROUP POWDER. — For Colds, Roup and Canker in all kinds of Fowls. Prices: 25c. and 50c. packages.

STAR GAPE POWDER.—For Gapes in Chicks. Prices: 25c. and 50c. packages.

Beef Scrap, 100-pound bag, $3.25; 4c. pound.
Oyster Shells, 100-pound bag, 65c.; 10 pounds, 15c.
Crystal Grit, 100-pound bag, 65c.; 10 pounds, 15c.
Crushed Bone, 100-pound bag, $3.00; 4c. pound.
Charcoal, 50-pound bag, $1.25; 2-pound carton, 10c.
Alfalfa Clover, 100-pound bag, $2.00; 4c. pound.

PARK AND POLLARD'S DRY MASH LAY OR BUST.—Price, per 100 pounds, $3.25. Per pound, 4c.

PARK AND POLLARD'S DEVELOPING FOOD.—Per 100 pounds, $3.25. Per pound, 4c. Ask for P. & P. Year Book and Almanac for 1917.

IMPERIAL POULTRY FEED.—A balanced ration for grown fowls; no grit or shell; composed of choice grains carefully selected as regards purity, cleanliness, sweetness and freshness. Price, 3c. per lb. $2.75 per 100 pounds.

LAYING MASH.—For more eggs. Price, 3c. per pound; $2.75 per 100 pounds.

PIGEON FEED.—Composed of best grade hard winter wheat and other grains and seeds of equal quality. Price, 4c. per pound; $3.50 per 100 pounds.

FINE CHICK FEED.—For baby chicks. Price, 4c. per pound; $3.00 per 100 pounds.

DEVELOPING FEED FOR YOUNG CHICKS.—Price, 4c. per pound; $3.00 per 100 pounds.

MEDICATED NEST EGGS.—A combination of nest egg and lice-killer; retains its power until fully evaporated. They keep the nest clean and sweet. Each, 5c. Dozen, 35c.

PORCELAIN EGGS.—These eggs are of best flint glass. White. Each, 3c. Dozen, 25c.

"SPIR-OL" LEG BANDS.—Made of celluloid in seven colors. These bands are light, tough and made in all sizes. Dozen, 15c. 100, 75c.

HALL'S BLACK DIAMOND LICE POWDER.—Sure death to all kinds of poultry lice. 25c. package.

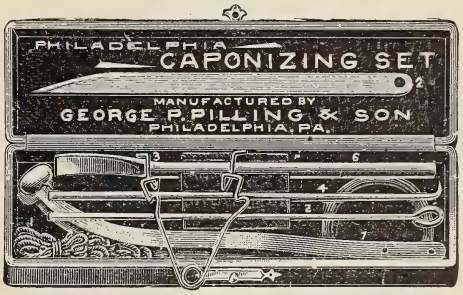
DR. HESS POULTRY PANACEA makes poultry healthy; makes hens lay; not a stimulant, but a tonic that tones up the dormant egg organs, brings back the scratch and cackle, and compels each hen to put her share of eggs in the market-basket.

1½-lb. package.....$0.25
5 -lb. package..... .60

FRENCH'S POULTRY MUSTARD.—Will increase egg production.

1½-pound box.....$0.35
3 -pound box..... .65
5 -pound box..... 1.00

CAPONIZING TOOLS



Book with full instructions sent free with each set of instruments.

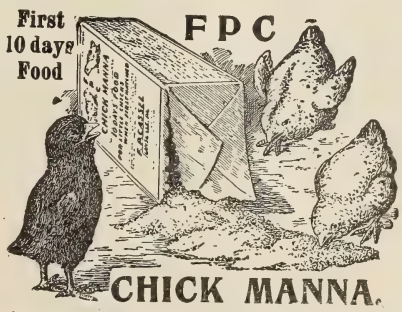
Price in Leather Case, with instructions.....$2.75

PHILADELPHIA POULTRY MARKER

Well made, with steel spring and cutter, nickel-plated. Price, 25c.

PILLING FRENCH POULTRY KILLING KNIFE

Every poultry-raiser should have one of our Killing Knives. Price 50c.



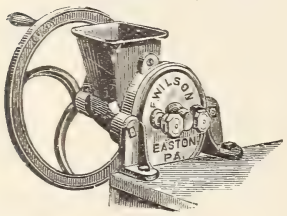
"F. P. C. CHICK MANNA."— Special prepared food for chicks and turkeys. First 10 days' feeding, being peculiarly adapted for the most critical period of their existence. Starts them strong, vigorous and healthy—a healthy chick will grow. Unlike other chick feed on the market. 1 lb., 10c. 3 lbs., 25c. 5 lbs., 40c.

MANN'S GREEN BONE CUTTERS

The feed is both automatic and self-governing and successfully adapts itself automatically to the operator's strength, and the self-governing feed never feeds faster than the operator can cut easily. The cutting device is the latest pattern and is guaranteed to do the work successfully and satisfactorily. Cuts all gristle and meat. Nothing escapes uncut.

No. 5C (with Crank Handle).....$ 6.00
No. 5B (with Balance Wheel)..... 8.00
No. 5BM (with Balance Wheel and Iron Stand). 10.40
No. 7 (with Balance Wheel).....$12.00
No. 7½ (Semi-Power Machine)..... 16.00

WILSON'S BONE AND SHELL MILL

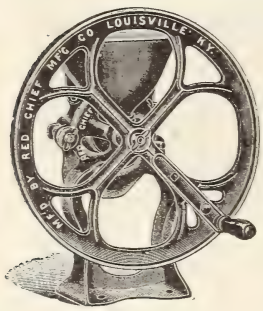


No. 1. Grinds oyster or clam shells and dried bones, and is an excellent mill and largely used.

Will also grind corn.
Weight without stand, 33 pounds.....$4.00
Weight with stand, 64 pounds.....$7.00

THE "RED CHIEF"

Rapid Grinding Feed and Grist Mill No. 10

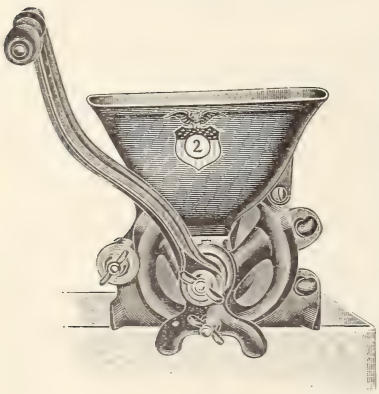


Capacity, 2 to 4 Bushels Per Hour.

Equipped with extra hardened burrs. Burrs are self-sharpening; they cut; do not mash.

Grinds Coffee, Chicken Feed and cracks Peas, etc. Will make good Corn Meal and Graham Flour. Can be cleaned and adjusted in a moment's time without the use of a wrench. $5.00.

NEW "RED CHIEF" No. 2 MILL

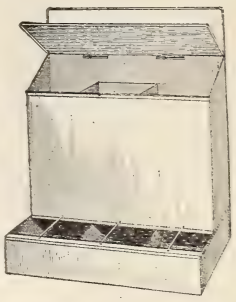


This Mill has Feed Gauge in the hopper so that when grinding wheat, rice or other small grain, the feed can be regulated for very fine grinding, with this device. A child can turn the crank easily when grinding Graham Flour or Table Meal. Our new Fine Burrs in this mill. $3.00.

PHILADELPHIA GAPE WORM EXTRACTOR

Postpaid, 25c. each.

1-2-3 POULTRY FEEDER

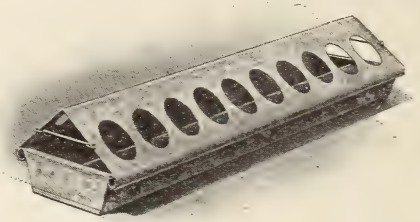


For Dry Mash, Scraps, Shells, Grit, Charcoal or any poultry feed. When used for one kind of feed only, take out separator; for two kinds put separator in one end; when used for three kinds, say scraps, shells and grit, put separator in the middle and you have three separate feeders.

1-2-3 Poultry Feeder, 85c.

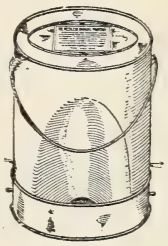
MODEL CAMEL BACK CHICK FEED TROUGH

The Most Successful Chick Feeder



Prices:
10-inch size, 50c.
20-inch size, 75c.

THE PEERLESS DRINKING FOUNTAIN



is right. The water is always pure. It is protected from dirt and filth. Easy to clean and fill and fowl cannot injure their combs when drinking. Simple in construction.

5-quart Peerless Fountains, 65c.
Peerless Brooder Fountains, 30c.

MODEL DRY MASH HOPPER

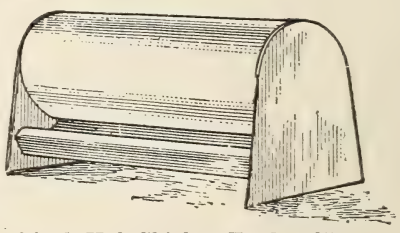
Hopper Closed

The Most Sanitary Anti-Clog Dry Food Hopper Manufactured

Prices.

12″ 12-Qt.....$1.00
18″ 18-Qt..... 1.25
24″ 24-Qt..... 1.50

Parcel Post Weight.
12-Qt., 6 lbs.; 18-Qt., 8 lbs.; 24-Qt., 10 lbs.

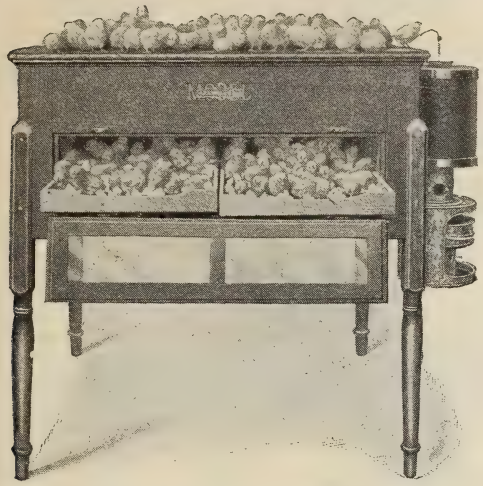


9-inch Hub Chicken Feeder, 35c.
15-inch Hub Chicken Feeder, 50c.

STANDARD MODEL INCUBATOR

Fireproof Insurable

The Standard Hatcher of the World—Guaranteed



No. 2 Standard Incubator, 275-Egg Capacity

Made in Four Sizes.

No. 0 Standard Incubator—Capacity, 100 Eggs..$18.00
No. 1 Standard Incubator—Capacity, 175 Eggs.. 22.00
No. 2 Standard Incubator—Capacity, 275 Eggs.. 32.00
No. 3 Standard Incubator—Capacity, 410 Eggs.. 37.00

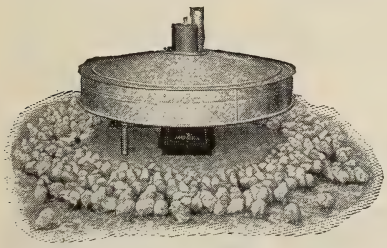
Complete equipment furnished with each machine.

CHESTNUT MAKES THE BEST OUTER CASE.—In the construction of the Standard Model Incubator, it has been our aim to build the most efficient hatcher made. It is durable in construction, so that it will work as well for a term of years as it does the first season. Perfect in workmanship, so that one machine will operate as easily and efficiently as another. Simple and automatic in design, so the operator does not need to be an expert to get satisfactory results. How successful we have been is proven by the many thousands of testimonials received during the past twelve years and the fact that the large successful Poultry Farms and State Experiment Stations are using our machines with satisfactory results.

MODEL COAL BURNING HOVER

50 to 1500 Chicks $15.00

STOVE COMPLETELY ASSEMBLED.

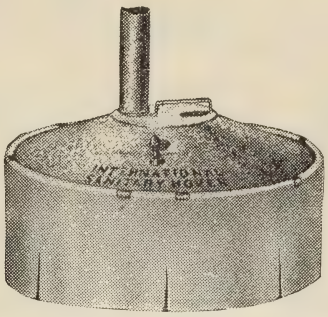


The Model Coal Burning Hovers are assembled at the factory and carefully inspected, so that when you receive same they are ready to use.

BROOD YOUR BIG FLOCKS WITH A SIMPLE PORTABLE, SELF-REGULATING, COAL-BURNING HOVER. A SYSTEM OF BROODING THAT SAVES TIME, LABOR AND FUEL.

The Model is the greatest Coal-Burning Brooder ever invented—self-regulating, double-acting damper absolutely controls the temperature under varying conditions. Stove made of solid cast iron. Canopy substantially made—52 inches in diameter. Not a cheap, flimsy affair. Guaranteed the best value in Coal-Burning Hovers on the market.

INTERNATIONAL SANITARY HOVER



The Sanitary Hover is portable, simple, safe, convenient, dependable and economical, and it is all these things alike to poultrymen or back-yard enthusiasts. A beginner can buy baby chicks and be fully assured of raising nearly every one with the Sanitary Hover. The poultryman can have no better preparation than a series of Sanitary Hovers "in commission" when his hatches come off.

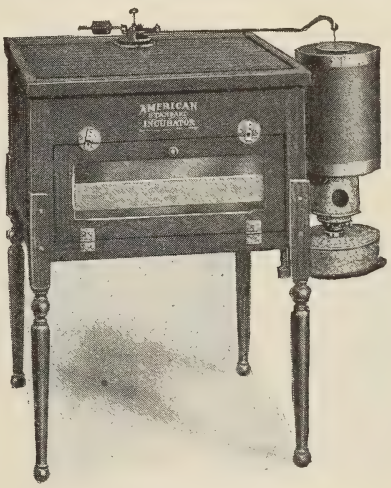
EQUIPMENT AND PRICE

Complete equipment furnished with each Hover consists of Hover body, lamp and lamp bracket, Draft pipe, thermometer and curtain. **Price, $8.50.**

AMERICAN STANDARD INCUBATOR

A Guaranteed High-Grade Medium-Priced Incubator

No. A Incubator, 70-Egg Capacity



Made in three sizes.

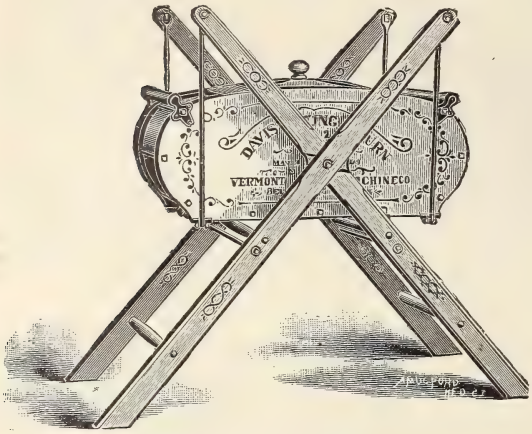
No. A. Incubator; capacity, about 70 eggs.....$10.00
No. B. Incubator; capacity, about 120 eggs..... 14.00
No. C. Incubator; capacity, about 200 eggs..... 17.00

The American Standard Incubator is a machine built for business, one that has given perfect results, during the past season, to the market Poultrymen, who are using Incubators as a means to a livelihood, as well as to the amateur breeders, who are operating them for pleasure.

We are not handling bargain Incubators, Hovers and Supplies, but strictly high-grade machines, and by furnishing this and taking a personal interest in your success we hope to have at least a share of your patronage.

THE DAIRY

DAVIS SWING Cchurn

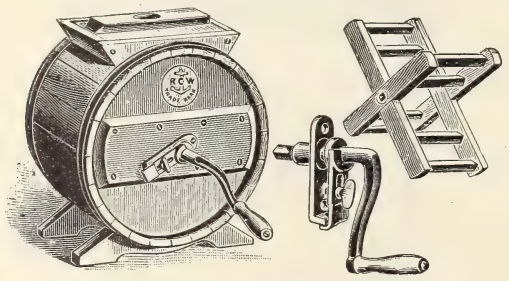


Easy to Keep Clean

The round ends of the Churn cause the cream as it strikes against them to slide up and over, turning a complete somersault, consequently the cream is thoroughly agitated.

Each Churn has a glass indicator in the cover, thus enabling the operator to tell when the butter comes without raising the lid. The lid is ventilated and there is no slopping or dripping of cream. Easy to operate; in fact, any child can do it.

No.	Will Churn	Capacity	Price
1.	4 gallons or less	8 gallons	$ 8.00
2.	5 gallons or less	10 gallons	9.00
3.	8 gallons or less	16 gallons	10.00
4.	10 gallons or less	20 gallons	12.00
5.	13 gallons or less	26 gallons	15.00



Double Dasher—Thumb Screw Lock

IMPROVED CEDAR CYLINDER CHURNS

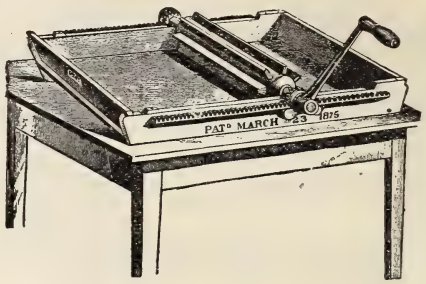
We now use a double dasher, and the crank is locked to the churn with a clamp and thumb screw, which prevents leakage—lock cannot break. The top is large, and dasher easily removed. The best churn in use.

Price, No. 1, 3 gallons, each.....$2.50
Price, No. 2, 4 gallons, each..... 3.00
Price, No. 3, 7 gallons, each..... 3.50
Price, No. 4, 10 gallons, each..... 4.00

SHAW'S CALF WEANERS

The Shaw's Calf Weaner is thoroughly practical. The action is entirely in the basket, it being hinged to the end of the nose piece. The basket is made of heavy galvanized wire, with extra bars running through, and can be adjusted to suit the calf's head. Prices: No. 1, 35c.; No. 2, 50c.; No. 3, 60c.

REID'S BUTTER WORKER



Consists of a tray and a roller with paddles, which is turned by a crank and traverses from end to end of tray. It acts on the butter on precisely the same principle as a ladle in the hands of a person, but with perfect uniformity and without injuring the grain.

No.	Inside Measurement	Capacity Lbs.	Weight Lbs.	Retail Price
1.—	23x36x2½ inches	50	45	$9.00
2.—	20x36x2½ inches	30	29	7.50
3.—	17x27x2½ inches	20	25	6.50
4.—	14x24x2½ inches	10	20	5.50

DAZEY GLASS CHURN

Nos.	10G	20G	30G	40G
Pints	3	5	7½	9

For those churning from one pint to one-half gallon, they undoubtedly are the most convenient and quickest churn made. **Prices:** No. 10—$1.25. No. 20—$1.75. No. 30—$2.25. No 40—$2.75.

Made in Four Sizes.

BLATCHFORD'S CALF MEAL.
The Perfect Milk Substitute.

RAISE CALVES
THE
BLATCHFORD
WAY
Costs only one-fourth as much as raising them on whole milk. Calves like it—grow rapidly.
Blatchford's Calf Meal
A Perfect Milk Equal
Thoroughly steam cooked—prevents scours and other troubles Makes big bones, solid flesh.
[Let us tell you also about Blatchford's Pig Meal. Carries little pigs over the danger period at weaning time.] 3
At your dealer's, or write us. Illustrated pamphlets free.
Blatchford Calf Meal Factory, Madison St., Waukegan, Ill.

25-lb. bag.....$1.00
50-lb. bag..... 2.00
100-lb. bag..... 3.75

STEEL KING PLOWS

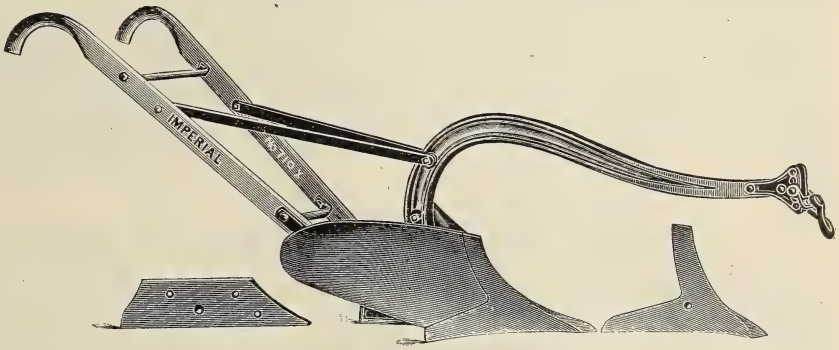
The base of these Plows is made entirely of steel, with hardened steel share. Landside has suction device for regulating in hard ground. The success attending the introduction and sales of these Plows the past season enables us to offer them again with confidence. They are well made, nicely finished, and do first-class work.

"Pony"	(No. A)	$2.50
"A"	(No. B)	3.50
"B"	(No. 10)	4.50
"C"	(No. 13)	5.50
"D"	(No. 19)	6.50

Plows include wrench and one hardened steel share extra.

BUCHER AND GIBBS
"Imperial" Steel and Wood Beam Plows

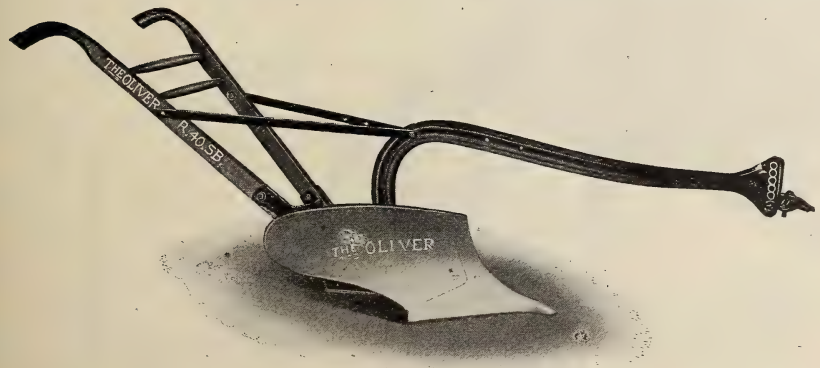
Imperial Plows are made in all sizes, steel or chilled, from a small pony to a large two or three-horse plow, either right or left-hand. Wood or steel beam, with or without wheel and jointer.



Imperial Hillside Plows, in wood or steel beam, all sizes.

Price, No. 10½, Steel Beam	$12.50	Price, No. 612, X Steel Beam	$14.00
Price, No. 12, Steel Beam	14.00	Wheels extra for all plows	1.25
Price, No. 710, X Steel Beam	13.00	Jointers, complete	2.25

GENUINE OLIVER CHILLED PLOWS



Don't forget to look for the OLIVER TRADE MARK on all OLIVER goods; none genuine without it.

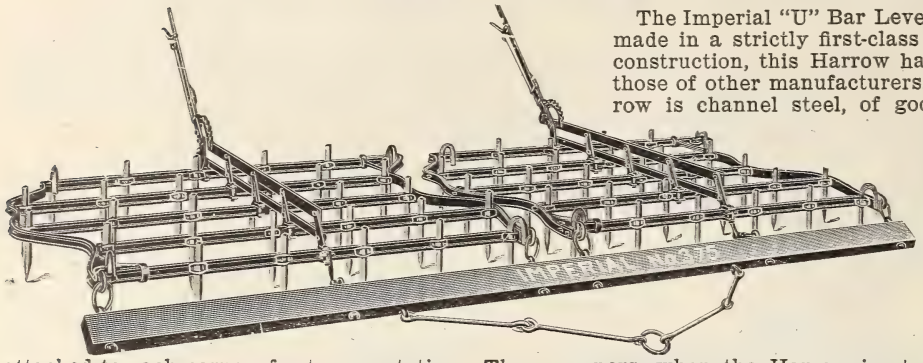
In ordering Oliver Chilled Plows, state whether Wood or Steel Beam, and Right or Left Hand.

Note—A Clevis Wrench and an extra Share are included in prices for Plows fitted with Cast Shares, but Wheels and Jointers are not.

Prices—Steel Beam—Right and Left Hand.

No. 19	$13.00	All Jointers	$2.25 extra.
No. 20	13.50	All Wheels	1.25 extra.
No. 40	14.00		

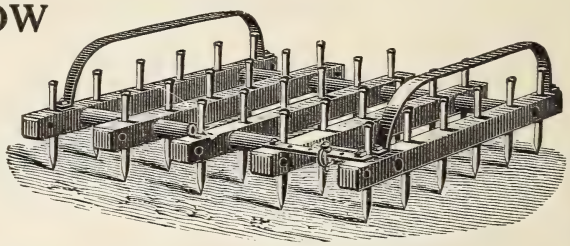
THE IMPERIAL "U" BAR LEVER HARROW



The Imperial "U" Bar Lever Spike Tooth Harrow is made in a strictly first-class manner throughout. In construction, this Harrow has many advantages over those of other manufacturers. The frame of the Harrow is channel steel, of good weight and strength. The "U" Bars pass through the main frame of the Harrow, and are held in position by a malleable clamp. The construction gives great strength to the Harrow and at the same time allows flexibility. Each section is fitted with four steel runners, one attached to each corner, for transportation. These runners, when the Harrow is at work, are on top of the frame and do not obstruct. By throwing the lever forward the runners are thrown down in a position which carries the entire Harrow off the ground.

No.	Weight	Price	No.	Weight	Price
370, 1-section, 25 ⅝-inch teeth.	97 pounds....	$ 7.00	375, 2-section, 60 ⅝-inch teeth.	215 pounds....	$14.00
371, 2-section, 50 ⅝-inch teeth.	173 pounds....	13.00	372, 3-section, 75 ⅝-inch teeth.	290 pounds....	18.00

BROWN GARDENERS' HARROW



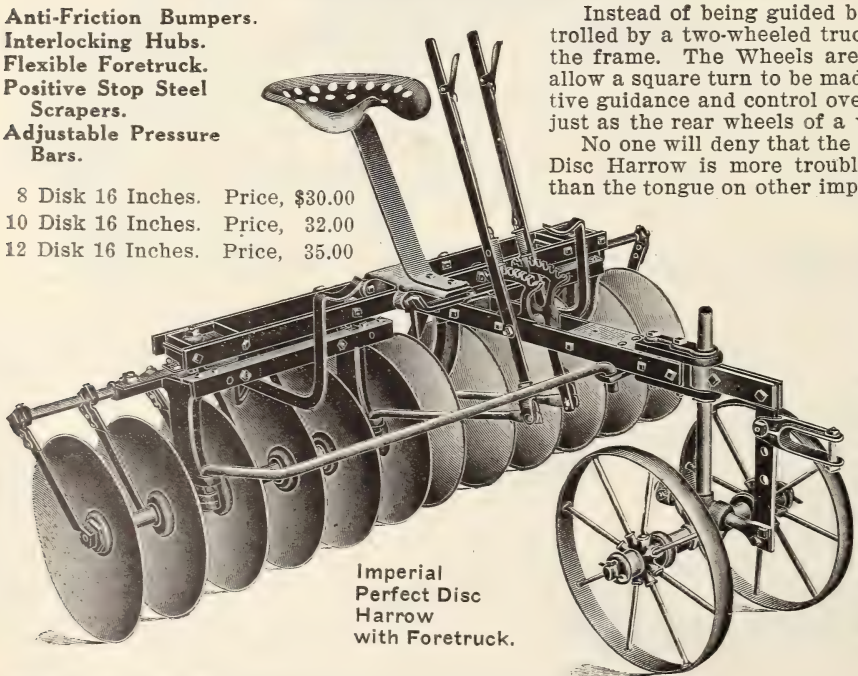
Made in one section, contains 30 and 24 teeth. It has no equal as a tool for market gardeners. Designed to be used for one horse, and is easily handled in small garden plots. The Harrow is strong and durable and is furnished with runners for transportation.

24-tooth Harrow, cuts 3 feet 8 inches wide.....$ 6.50
30-tooth Harrow, cuts 4 feet 6 inches wide..... 7.00
40-tooth Harrow, Double Hinge..... 10.00

THE IMPERIAL PERFECT DISC HARROW

Anti-Friction Bumpers.
Interlocking Hubs.
Flexible Foretruck.
Positive Stop Steel Scrapers.
Adjustable Pressure Bars.

8 Disk 16 Inches. Price, $30.00
10 Disk 16 Inches. Price, 32.00
12 Disk 16 Inches. Price, 35.00



Imperial Perfect Disc Harrow with Foretruck.

Instead of being guided by a tongue, the Harrow is controlled by a two-wheeled truck attached to the front end of the frame. The Wheels are pivoted under the frame and allow a square turn to be made. The truck exercises a positive guidance and control over the Harrow, which follows it just as the rear wheels of a wagon follow the front wheels.

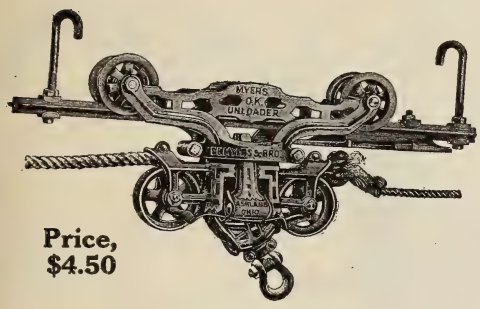
No one will deny that the tongue as used on the ordinary Disc Harrow is more troublesome and less under control than the tongue on other implements. It is jerked violently from side to side by the motion of the Harrow, frets and worries the team, and is especially annoying in turning corners. The Fore Truck does away with all this. The team is easily managed and works quietly and evenly without being subjected to the pounding of tongue and neck yoke. There is no neck weight and no side draft. The Harrow simply follows the truck.

The position of the Frame on the Fore Truck is adjustable. This is important because to secure a uniform depth of cut the frame should be level with the surface to the ground. If the front end of the frame is too high the inside disc blades will cut too deep; if too low, the outside discs will cut too deep. When the frame is level all the blades cut alike, and uniform cultivation is secured. The Hitch also is adjustable, and may be made considerably lower than on a tongue Harrow, the lowest hitch hole being only 14 inches from the ground. The line of draft is consequently lower and the pull of the team therefore more effective. These adjustments of frame and hitch enable the operator to get the best and most effective work out of his machine with the least exertion on the part of his team.

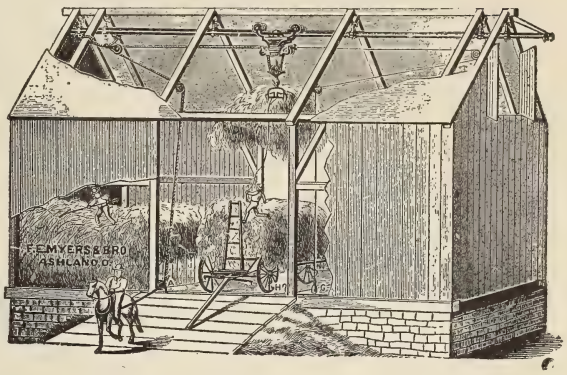
THE MYERS O. K. HAY UNLOADER

Patented

Has Extra Long Truck Reversible and Swivel. For Double Steel Track.



Price, $4.50



DOUBLE HARPOON HAY FORKS

Material Required for a Steel Track Outfit for Different Length Barns.

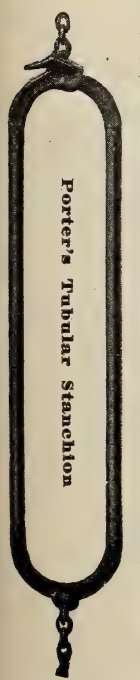
FOR A 40 FOOT BARN.—One Hay Unloader. 36 feet Steel Track. 19 Hanging Hooks. 19 Rafter Brackets. 5 Knot Passing Pulleys. 1 Fork. 6 Floor Hooks. 110 feet ⅞ inch Manila Rope. 50 feet ⅝ inch Check Rope. 40 feet ⅝ inch Reverse Rope.

FOR A 50 FOOT BARN.—One Hay Unloader. 48 feet Steel Track. 25 Hanging Hooks. 25 Rafter Brackets. 5 Knot Passing Pulleys. 6 Floor Hooks. 130 feet ⅞ inch Manila Rope. 55 feet ⅝ inch Check Rope. 50 feet ⅝ inch Reverse Rope.

FOR A 60 FOOT BARN.—One Hay Unloader. 54 feet Steel Track. 28 Hanging Hooks. 28 Rafter Brackets. 5 Knot Passing Pulleys. 6 Floor Hooks. 160 feet ⅞ inch Manila Rope. 60 feet ⅝ inch Check Rope. 60 feet ⅝ inch Reverse Rope.

HAY TOOL SUPPLIES

Nellis' Single Hay Fork	$2.00	Rafter Bracket	$ .08
Double Harpoon Hay Fork	1.50	Extra Trips or Stops for Cars	.50
Hanging Hook for Steel Track	.10	Knot-Passing Pulley	.30
Patent Rope Hitch	.20	Plain Iron Pulley	.30
Floor Hook	.10	Steel Track, per foot	.12½



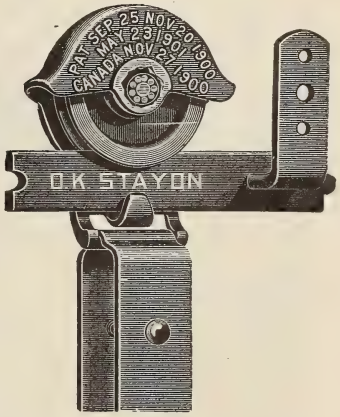
MANILA, SISAL & COTTON ROPE

Price on Application.

BARN DOOR HANGERS

Myers' "O. K. Stayon" flexible, covered, made with hard-steel roller bearing

Price, per pair, $1.00.



MYERS' BARN DOOR TRACK

This Track is extra heavy, made of special high-carbon stiff steel, 3-16-inch x 1¼-inch.

Made in 4, 6, 8 and 10-foot lengths. Price, per foot, including screws, 10c.

Myers' Stay Rollers for bottom of door.

Price, each, 20c.

PORTER'S TUBULAR STANCHIONS

Our tubular type is without doubt the best designed, most sanitary and satisfactory stanchion ever devised, and the increasing demand is ample evidence of its absolute reliability and popularity. There are no cracks or crevices for dirt or filth to lodge in, and the latch and hinge, while exceedingly simple, are sure in operation. This stanchion is approximately 7 inches in width, being adapted for the average cow, $2.00.

Special Price in Quantity.

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

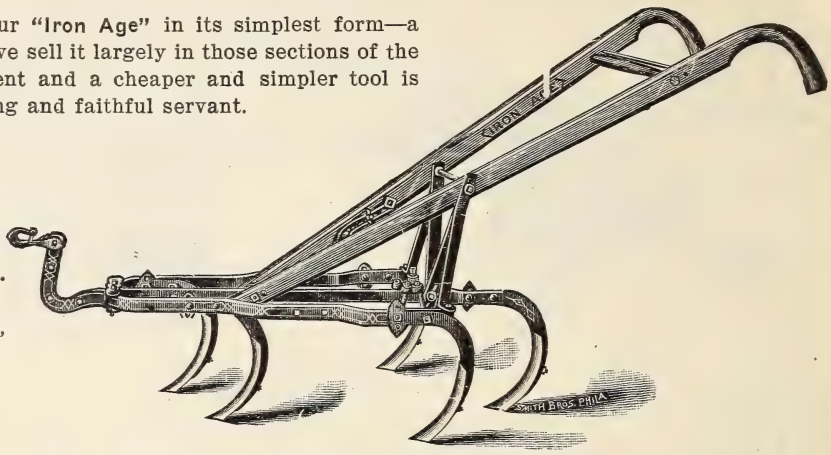
IRON AGE FARM AND GARDEN TOOLS

These tools are well-known to be most satisfactory and the best. A complete descriptive "Iron Age" Catalogue for 1917 sent free on application.

No. 1 "IRON AGE" PLAIN CULTIVATOR, WITH CLAMP EXPANDER

In this cut we represent our "Iron Age" in its simplest form—a plain cultivator. In this shape we sell it largely in those sections of the country where labor is inefficient and a cheaper and simpler tool is desirable. It is an honest, strong and faithful servant.

Price, as in cut, $3.50.
With Plain Wheel, add 75c.
With Lever Expander, add 75c.
With Lever Wheel, add $1.00.
With Horse Hoe and Sweep, add $1.30.



DIXIE STEEL FRAME CULTIVATOR

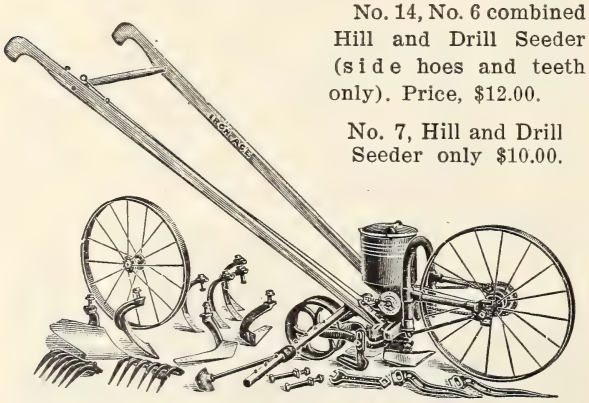
Price.....$3.00. Add for Draft Rod.....25c. Add for Lever Expander..75c. Add for Wheel...75c.

THE No. 6 "IRON AGE" COMBINED DOUBLE AND SINGLE WHEEL HOE HILL AND DRILL SEEDER

Packed Weight, 57 pounds. Price, $13.50.

No. 14, No. 6 combined Hill and Drill Seeder (side hoes and teeth only). Price, $12.00.

No. 7, Hill and Drill Seeder only $10.00.



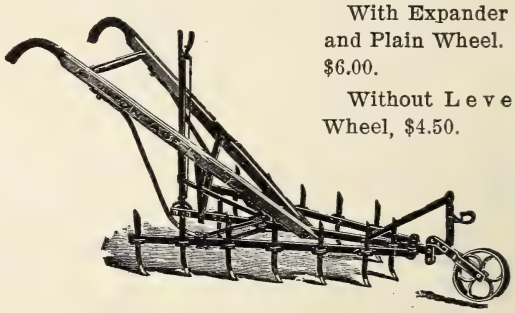
No. 1 COMBINED HARROW AND CULTIVATOR

A combination tool that is a quick seller because of its high frame, clean-cut construction and adaptation for many crops and two kinds of cultivation, as a harrow and as a cultivator.

Fig. 106.

With Expander Lever and Plain Wheel. Price, $6.00.

Without Lever and Wheel, $4.50.



THE No. 1 "IRON AGE" DOUBLE AND SINGLE WHEEL HOE

Price, complete...$8.00
Price, No. 3, plain (with side shoes only) $5.50
No. 13, No. 1, with side hoes and teeth only. Packed Weight, 40 lbs. Price.....$6.50

No. 19 "IRON AGE" WHEEL PLOW CULTIVATOR

Price, $4.00.
Packed Weight, 22 lbs.

PLANET JR. GARDEN TOOLS

PLANET JR. TOOLS enable you to do two days' work in one, easier, cheaper, better, with less fatigue. They pay for themselves in a season. Write today for a copy of the 1917 Planter Jr. Catalogue, a finely illustrated, instructive handbook. Describes entire Planet Jr. line, including seeders, wheel hoes, hand, one and two-horse cultivators, harrows, etc.

PLANET JR. No. 31 COMBINED DRILL SEEDER AND WHEEL HOE

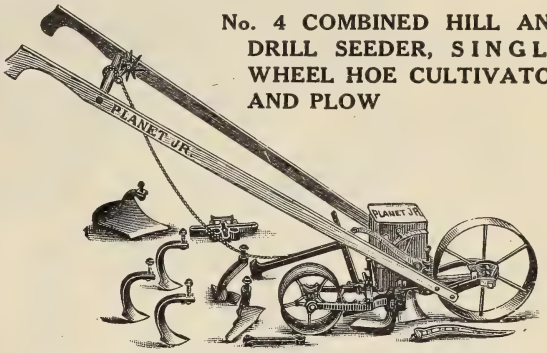
Equipment:
One Large Garden Plow.
One 5-inch Sweep.
One 10-inch Sweep.
One 2-inch Cultivator Tooth.
One 5-tooth Prong Hoe.

Packed Weight, 30 pounds.
Price, complete, $8.00.

No. 32.—As a Drill Seeder, Only, $5.50.
Packed Weight, 22 pounds.

No. 33.—As a Wheel Hoe, Only, $3.25.
Packed Weight, 24 pounds.

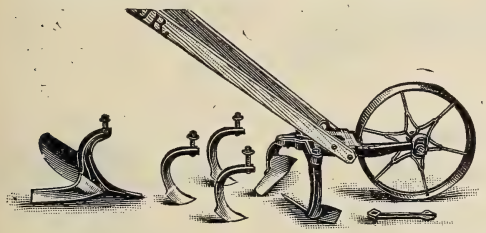
No. 4 COMBINED HILL AND DRILL SEEDER, SINGLE WHEEL HOE CULTIVATOR AND PLOW



This admirable tool combines in a single, convenient implement a capital hill-dropping seeder, a perfect drill seeder, a single wheel hoe, a cultivator, and a plow. It holds two quarts, and as a seeder is like the No. 5, sowing in continuous rows, or dropping in hills at five different distances. It is thrown out of gear by simply raising the handles. The index is accurate, simple and easily set.

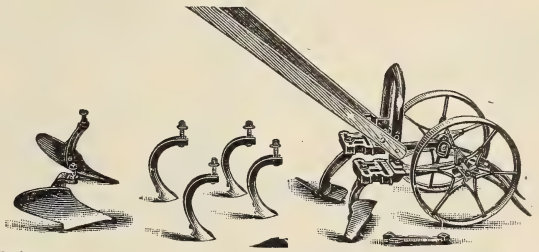
Price, complete.....$12.75
Price, as a drill only..... 10.25

PLANET JR. No. 17 SINGLE WHEEL HOE CULTIVATOR RAKE AND PLOW



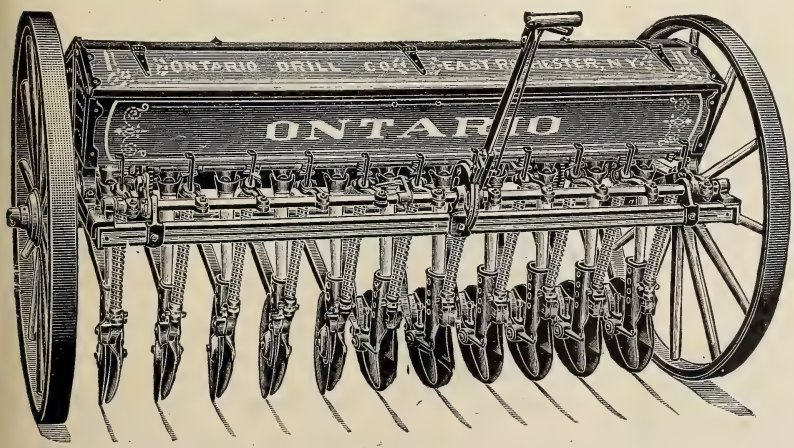
Price $5.75

No. 12 DOUBLE WHEEL HOE CULTIVATOR AND PLOW



Price $8.25

ONTARIO COMBINED (GRAIN AND FERTILIZER) SINGLE DISC DRILL—Built in All Sizes



The Ontario Disc Drill embodies all the special features of our Standard Hoe Drill, excepting discs are used instead of hoes. It has the same broad tread wheels, the same accurate grain and fertilizer feeds, the same heavy axle, the same simple speed devices, the same accurate grass seeder and land measure, and the same light draft.

The pressure is applied directly over the discs by means of a pressure bar and lever, located at the rear of the drill. From this rear position the maximum amount of pressure is obtained with the least amount of mechanism.

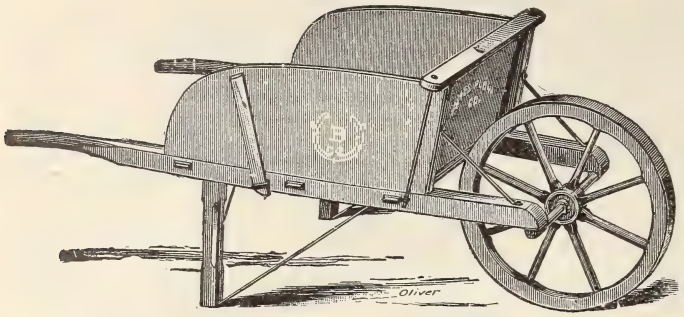
The **disc bearings** are of chilled iron, and are readily oiled. They are dust-proof at either end, so that wear is reduced to the minimum.

The **hub** is fastened to the disc, and fits into a bushing placed in the boot. The bushing and disc may be removed by simply taking out one bolt.

The **disc** is provided with dirt scrapers on each side, which are made of spring steel. They conform to the curve of the disc, and keep its surface constantly clean.

The **discs** on the single-disc type are set at the correct angle for opening the seed bed, and the shield holds this furrow open until the seed has time to be deposited at its bottom. The drag chain then follows and covers the seed at uniform depth. No extra space between center discs.

8x8-Disc Grain and Fertilizer Drill, $80.00. 9x8 Disc $84.00.



Beekman Garden Wheelbarrow

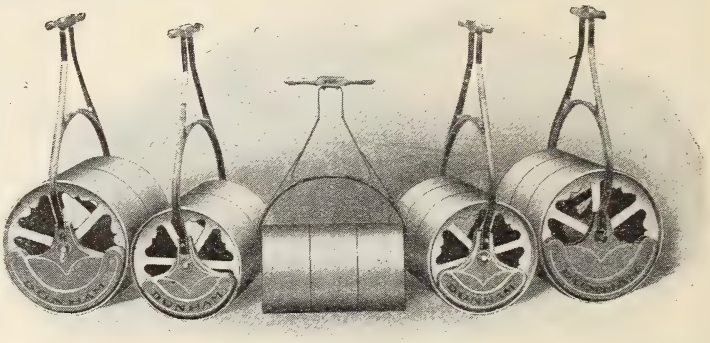
The No. 4, with our new eight-spoke iron-hub wheel on steel axle as illustrated.

No. 3, with our new six-spoke wheel on steel axle.

Price, No. 2, Boy's Medium.....$3.75
Price, No. 4, Medium..... 4.00
Ames' No. 4, Medium..... 5.00

CAPITAL CITY GARDEN AND LAWN ROLLER

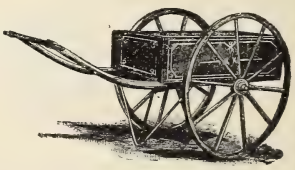
The benefit derived from the use of a roller on the lawn, especially in the spring, is not fully understood. The action of freezing and thawing the ground causes the ground to heave, and if the sod is not firmly pressed back with a roller before the hot weather begins, the grass is apt to be killed or injured, leaving the lawn full of bare spots.



No.	Diameter	Length	Sections	Face	Weight	Price
LR 401.....	15	16	2	8	150	$ 7.50
LR 402.....	15	24	3	10	200	10.00
LR 404.....	20	20	2	8	250	12.00
LR 407.....	20	24	2	10	300	15.00

Lansing Hand Carts

	Price
No. 2—Wt. 80 lbs.	$7.00
No. 1—Wt. 90 lbs.	8.00
No 0—Wt. 100 lbs.	9.00



Mehler's Handy Gardener

Hoe, Rake, Weeder & Cultivator In One

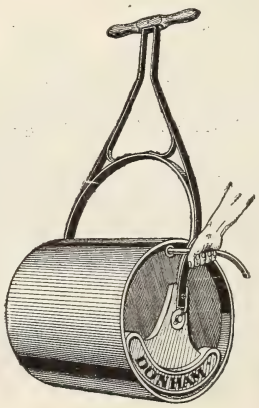
An entirely distinct tool 5½ ins. wide with a special handle 4⅓ ft. long; entire weight 2 lbs.

Note the comfortable position and special arrangement of the five teeth, which allows cultivation closer to the plant than any other device, and at the same time on three sides at one stroke.

No hoe is needed where this tool is used; just the thing for working among flowers and young vegetable plants.

Send for descriptive circular

Price, 85c.



DUNHAM Water-Weight Roller-Bearing Lawn Roller

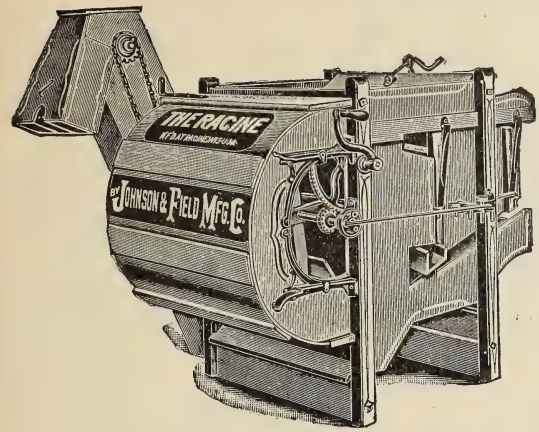
ROLL YOUR LAWN.

Rolling will cure 50 per cent. of your lawn troubles. Rolling will eradicate weeds, keep grass from dying and promote even growth, over which the mower will operate to perfection. It also discourages the work of moles, worms, ants, etc.

Price List With Counter-Balancing Weights.

No.	Diam. Inches	Length Inches	Sections	Weight Empty	Filled with Water	Price
HW 2.....	14	20	1	120	260	$10.00
HW 4.....	18	24	1	135	360	12.00
HW 6.....	24	24	1	185	560	15.00
HW 8.....	24	32	1	200	710	16.00
HW 10.....	18	24	2	160	360	15.00
HW 12.....	24	32	2	230	710	20.00
HW 14.....	24	24	2	185	560	19.00

THE RACINE FARM MILL



The Mill is made of the very best material, thoroughly seasoned and carefully selected. It is strong and of sufficient weight to keep its position while in use and will not slide around in any direction like the lighter Mills when doing heavy work.

Will clean from 60 to 100 bushels per hour. Made of best material and finished in a neat and tasty manner. Price.....$22.00

Sieves, each, $1.50. Screens, each, $1.50.

GENUINE MALTA SHOVEL PLOWS
Single and Double Shovel

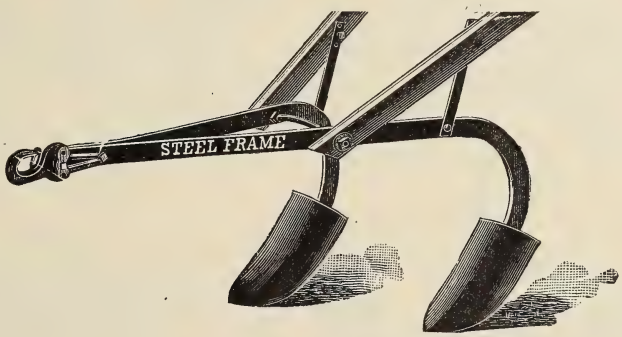
Blade has two holes.

Clevis is adjustable.

Frame all steel.

The beams on this Plow are made of steel 1½x1⅝ inches.

This gives the Plow a light draft and the beams are stronger than those made of 1½x¾-inch iron. Size of shovel, 6x11x7-16 inch.



Price, Double Shovels, $3.25.

Price, Single Shovels, $3.00.

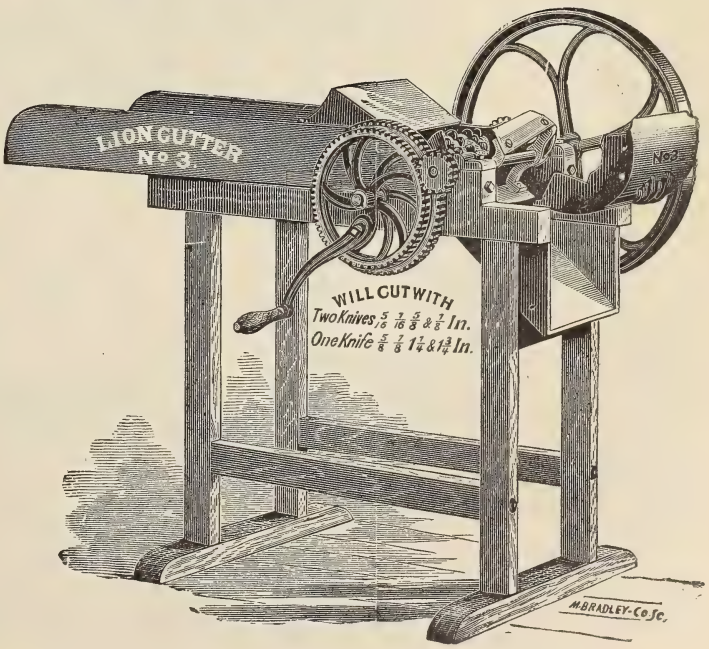
Price, Triple Shovels, $3.50.

THE LION FEED CUTTER

No. 1 Machine has two knives 6¼ inches long. Weight, 110 pounds. Price..$15.00

No. 2 Machine has two knives 7¼ inches long, good capacity; style frame as No. 1. Weight, 128 pounds. Price.....$18.00

No. 3 Machine with two knives 8½ inches long is the favorite Hand Machine. Weight, 155 pounds. Price.....$22.00



NOXALL LEVER CUTTER

Simple, durable, handsome, cheap. It has an 11-inch tempered, curved knife, which can be adjusted to take up all wear, thus giving a perfect shear cut at all times.

Shipped K. D. to secure lowest freight rates, and can be set up in a moment.

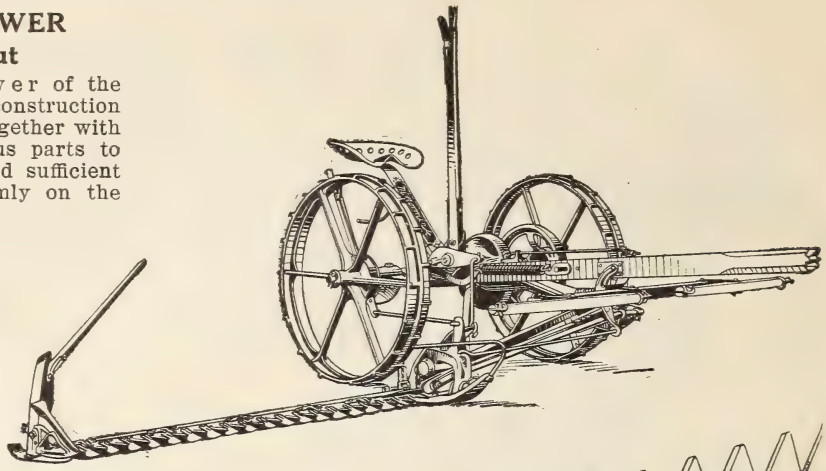
Price $3.25

DEERING IDEAL MOWER
4½ and 5-Foot Cut

The unsurpassed cutting power of the Ideal Mower is the result of a construction which is mechanically correct, together with sufficient strength of the various parts to give unyielding stability and sufficient weight to keep the wheels firmly on the ground at all times.

The working parts of the Ideal Mower are made of the best steel, malleable and wrought iron procurable. The pitman and knife head are made of the finest steel, and the connections are case-hardened in oil.

Catalogue and prices on application.

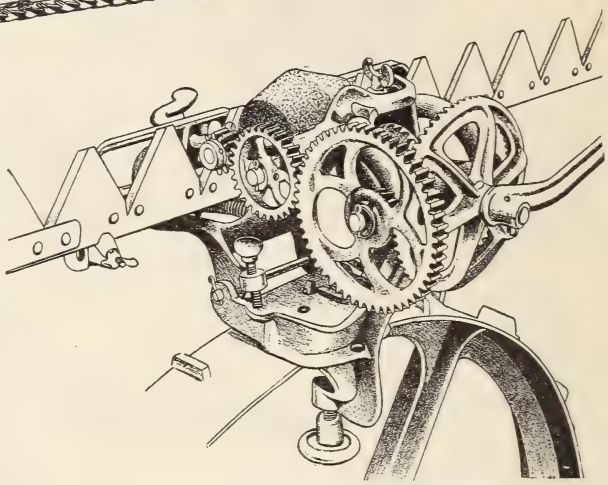


DEERING KNIFE GRINDER

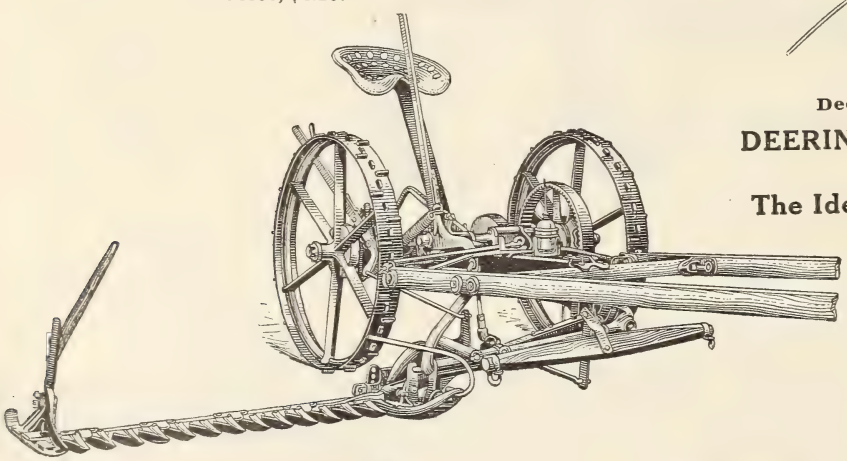
There should be a Deering Knife Grinder on every farm where mowers, binders, reapers, feed cutters, and other machines are used daily. It is a distinct advantage to have facilities close at hand for quickly sharpening mower knives, axes, saws, hatchets, knives, etc., and for this reason when a Deering Knife Grinder has once been used, the farmer will not be without one.

Deering Knife Grinders are so constructed that the emery wheel will sharpen half of two sections at once, which corresponds to one whole section. At the same time, the correct bevel is preserved.

Price, $4.25.



Deering Knife Grinder



DEERING IDEAL ONE HORSE MOWER
The Ideal One-Horse Mower

This Mower is considerably lighter than the regular Ideal Mower, so that it can very easily be drawn by one horse. It is a desirable machine for mowing on small farms, on lawns or in cemeteries.

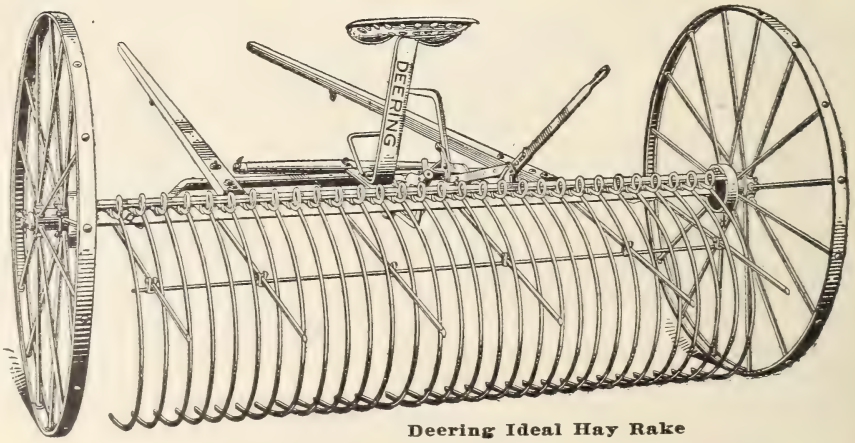
Catalogue and prices on application.

DEERING HAND AND SELF-DUMP HAY RAKE

When this Rake is used to gather the hay crop the hay grower can feel absolutely certain that he has gathered every part of the crop in the best manner and in the shortest time. The Rake is designed especially for clean raking, for strength and for durability.

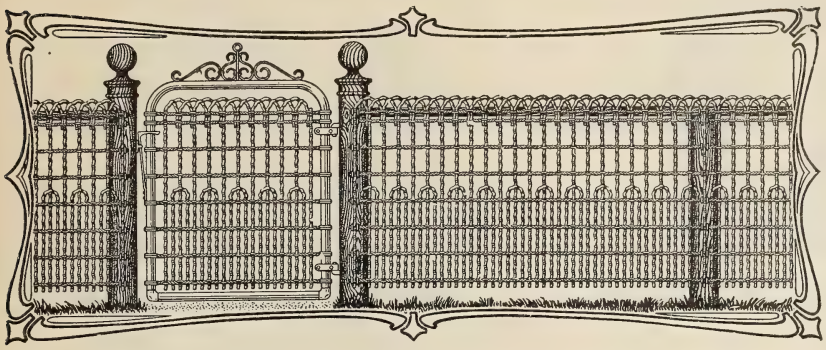
Catalogue and prices on application.

Repairs for Deering and other makes furnished.



Deering Ideal Hay Rake

WAUKEGAN-CYCLONE SANITARY WIRE FENCING



STYLE "F"

lets in fresh air and sunlight, protects flowers, gardens, lawns and shrubs without obstructing the view.

Pickets No. 9 heavily galvanized wire, spaced 2⅞ in. apart at top, 1⅜ in. at bottom.

Best heights, 36-in., 42-in. and 48-in.

Price Per Lineal Foot, Style "F"

36-inch .....12c.
42-inch .....13c.
48-inch .....15c.
3-foot gate to match.....$3.00

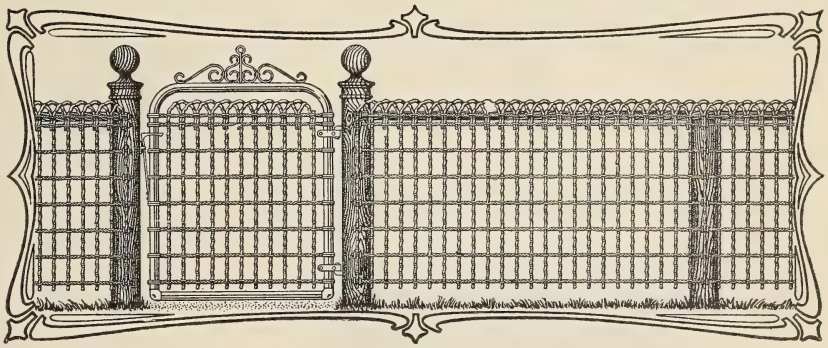
STYLE "L-Extra"

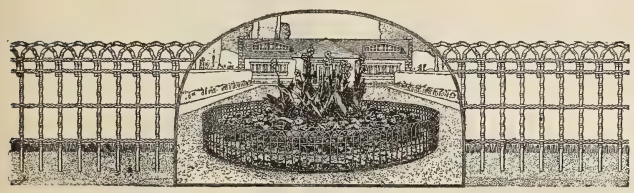
is exactly like style "F" above, except intermediate pickets are omitted. Recommended especially for front and back yards and division fences.

Best heights are 36-inch, 42-inch and 48-inch.

Price Per Lineal Foot Style "L-Extra"

36-inch .....10c.
42-inch .....11c.
48-inch .....13c.
3-foot gate to match.....$3.00





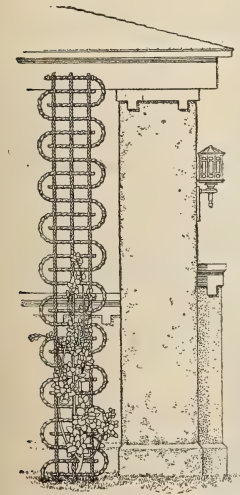
PERFECTION FLOWER GUARD

fits any shape or size of flower bed; no posts necessary. Bottom of pickets left straight to be easily inserted in ground. Cut to any length, can be taken up and used from year to year.

Made in two heights.

Price Per Lineal Foot.

16-inch .....7c.
22-inch .....8c.



18-Inch Single Trellis

SINGLE TRELLIS

Price Per Lineal Foot.

18-inch .....7c.
24-inch .....8c.

CYCLONE VINE TRELLIS

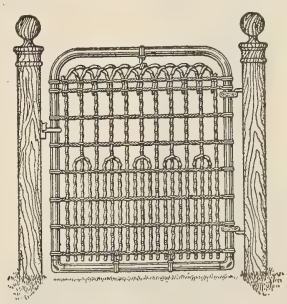
A most attractive and practical flower and vine trellis. Low priced and durable.

Made extra strong of heavily-galvanized wire, closely woven.

Adds greatly to the beauty of the porch and the home.

The cost is trifling, the trellis keeps its shape and can be used from year to year.

CYCLONE WALK GATES



With heavy, high-carbon steel tubing, non-breakable frames, and close mesh, chicken-tight fabric. Hinges and latch to hang to wood posts.

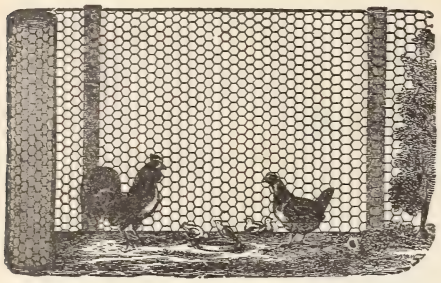
Best heights, 36-inch, 42-inch and 48-inch.

Price for 3-foot opening.....$3.00

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

GALVANIZED POULTRY NETTING

For Enclosing Poultry Yards



The wire we offer is No. 20 double twist 2-inch mesh, thoroughly galvanized after weaving. Sold in bales of 150 running feet.

Inches Wide	Square Feet	Per Bale
12	150	$1.00
18	225	1.50
24	300	2.00
30	375	2.50
36	450	3.00
48	600	4.00
60	750	5.00
72	900	6.00

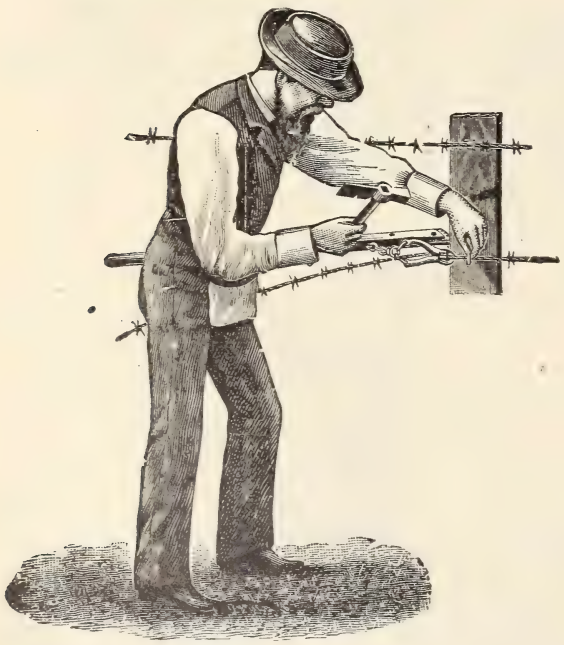
Special prices in large quantities. Prices subject to change.

Price, 1c. per square foot in less than bale lots. Staples for fastening, 10c. per pound.

New American Poultry and Rabbit Fence

For poultry yards, gardens, orchards and yards it is a great favorite. Price, 48-inch, $7.00; 58-inch, $8.00; in 10-rod rolls.

TOWNSEND WIRE STRETCHER



With this instrument the person stretching the wire can nail it to the post from which he is stretching without assistance.

The only true principle for a wire stretcher. Price, 85c.

GIBBS POST HOLE DIGGER

Works successfully in all kinds of soil where most diggers fail

ADVANTAGES.—Easiest operated. Very durable. More soil can be brought out at one time and with less labor. Scours or cleans better in mucky soil. All wearing parts have steel pins. Blade is made of best tempered cast steel; the rod and yoke are also steel. Only one blade to keep sharpened.

Price.....$1.50

SOUTHERN POST HOLE DIGGER

STANDARD EARTH AUGER.

Are the best for rapid work in either hard or sandy soil.

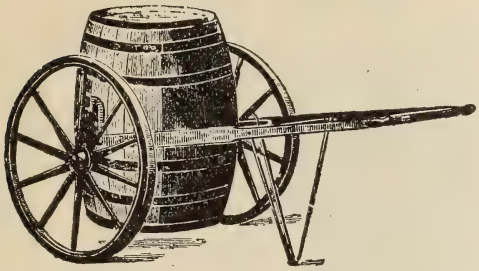
For deeper boring than 3½ feet, simply add pipe to the handle.

No. 8, bores 8, 9, 10, 11, 12, 13 and 14-inch holes.$3.00

ALL STEEL DURABLE STRONG EVERLASTING

The Southern Digger is made entirely of steel. There are no castings or wooden handles to break, or bolts to work loose. Price, $1.50.

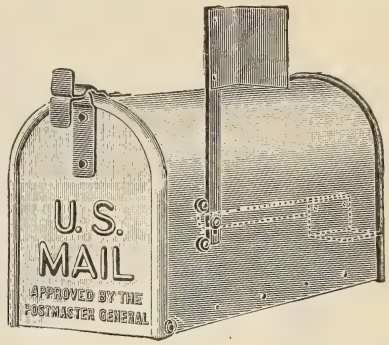
WATER TRUCK AND BARREL



Price, Plain Truck and Barrel, 1½-inch Tires....$9.00
Price, Truck alone, 1 pair trunnions..... 8.00
Price, pair of Trunnions alone..... .50
Price, Extra 3-inch Tire..... 1.50

RURAL MAIL BOX No. 1

Made to conform with the specifications of Post-office Department issued November 10, 1915.



General Description: Made of galvanized steel, body 22 gauge, door 20 gauge; finished in aluminum bronze; letters in door are heavily embossed—"U. S. Mail" "Approved by the Postmaster-General"; door is hinged at bottom, opens and closes with ease, can't blow open; door catch holds door TIGHT when closed; signal is easily operated, and has a large flag bent in middle to a right angle which makes it visible from all directions.

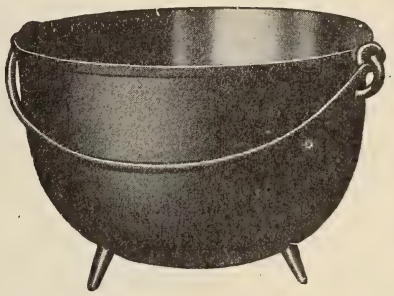
Price, $1.00.

EACH BOX IS EQUIPPED WITH A SMALL COIN HOLDER.

CYCLE BALL-BEARING STEEL FRAME GRINDSTONE

Price, Complete, $4.50.

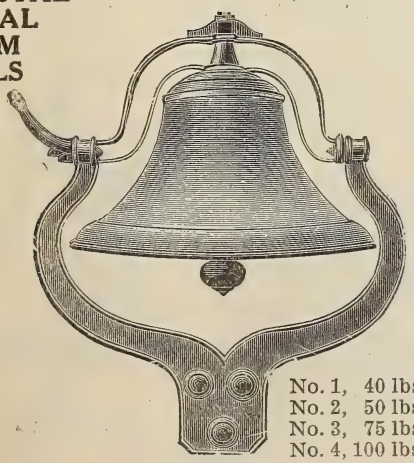
NEW STYLE SUGAR KETTLES



These Kettles are made from the very best iron. They have smooth surfaces, and each one is painted. The principal advantage in handling these Kettles is that they are rated at their exact capacity, and they are sold per piece instead of weight. In comparing prices, a new style Kettle costs just about the same as an old-style Kettle of the same capacity.

	Usual Rating	Actual Capacity	
No. 3.....	20 gals.	15 gals.	$4.25
No. 4.....	22 gals.	18¼ gals.	4.50
No. 5.....	25 gals.	21½ gals.	5.00

CRYSTAL METAL FARM BELLS



No. 1, 40 lbs.$2.25
No. 2, 50 lbs. 2.75
No. 3, 75 lbs. 3.75
No. 4, 100 lbs. 5.00

CORN BASKETS

1 Bu. Bamboo Basket, plain .....$ .55
1½ Bu. Bamboo Basket, plain ..... .65
2 Bu. Bamboo Basket, plain..... .75
1 Bu. Bamboo Basket, iron strap..... .65
1½ Bu. Bamboo Basket, iron strap..... .85
2 Bu. Bamboo Basket, iron strap..... 1.00

THE MYERS COG GEAR SINGLE ACTING FORCE AND LIFT PUMP

(Patented).

With Adjustable Base and Reversible Spout. Has Patent Glass Valve Seat and Poppet Valve. Brass Lined or Polished Iron Cylinders. Anti-Freezing.

Fig. 1138.

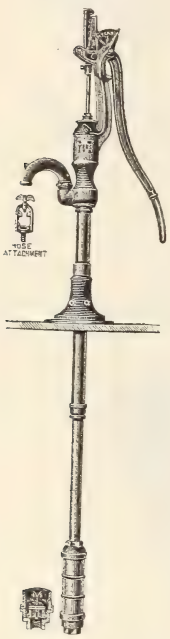


Fig. 1138 represents the Myers Single-Acting Force and Lift Pumps with Cog Gear Head and Brass Lined or Polished Iron Cylinder. The advantage of this style head is that it allows the piston to move in a direct line without swaying from side to side, as is necessary with the ordinary handle.

The pump rod opposite the handle comes in contact with a roller bearing which reduces the friction to the minimum.

This extra leverage adapts the pumps to very deep wells.

The spout is attached to the pump head by means of a union nut, making it reversible.

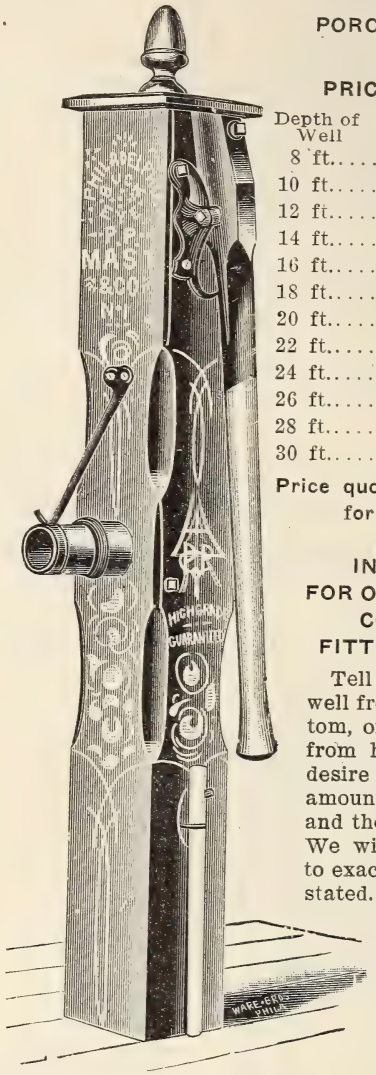
The special construction of this pump head causes the water to flow from the spout in a smooth, even stream, equal to that of any double-acting force pump.

The base is adjustable, and can be located at any point desired.

Price on Myers' No. 172 Pumps Complete with Foot Valve.

Depth of Well		Depth of Well	
8 ft.	$10.00	38 ft.	$15.95
10 ft.	10.40	40 ft.	16.25
12 ft.	10.80	42 ft.	16.85
14 ft.	11.15	44 ft.	17.25
16 ft.	11.50	46 ft.	17.75
18 ft.	11.85	48 ft.	18.15
20 ft.	12.25	50 ft.	18.65
22 ft.	12.60	52 ft.	19.00
24 ft.	12.95	54 ft.	19.50
26 ft.	13.30	56 ft.	20.00
28 ft.	13.65	58 ft.	20.70
30 ft.	14.00	60 ft.	21.00
32 ft.	14.50	62 ft.	21.45
34 ft.	15.00	64 ft.	21.90
36 ft.	15.50	66 ft.	22.25

BUCKEYE AND KANAWHA WOOD PUMPS



PORCELAIN LINED HEADS.

PRICE COMPLETE.

Depth of Well	6"x6" 6 ft.	7"x7" 6 ft.
8 ft.	$ 7.00	$ 8.45
10 ft.	7.35	8.80
12 ft.	7.65	9.10
14 ft.	8.00	9.50
16 ft.	9.00	10.40
18 ft.	9.30	10.80
20 ft.	9.65	11.10
22 ft.	10.00	11.45
24 ft.	10.30	11.80
26 ft.	10.70	12.10
28 ft.	10.95	12.45
30 ft.	11.35	12.70

Price quoted on application for deep wells.

INSTRUCTIONS FOR ORDERING PUMPS COMPLETELY FITTED FOR WELLS.

Tell us the depth of well from platform to bottom, or, if a Cased Well, from how far down you desire to take the water, amount of water in well and the pump you prefer. We will build the pump to exactly suit the well as stated.

IMPROVED CLOSED-TOP PITCHER-SPOUT PUMP

With Revolving Brake, Bolt Fastening and Cut-Off Base.

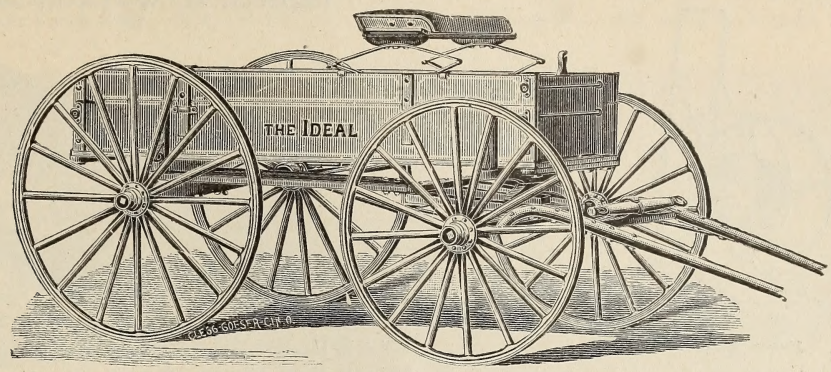
Fig. 205½.

Fig. 205½ represents our Pitcher-Spout Pump with a closed top. It is often a cause of complaint with the Open-Top Pitcher Pumps that they are apt to throw the water over the top when worked rather sharply. To obviate this, we have introduced a closed top with an opening only large enough for the rod to work through.

Price, No. 2 ..... $2.00
Price, No. 3 ..... 2.25
Brass Jacket Drive Well Points ..... $1.50 each

PRICES ON ALL PUMPS FURNISHED ON APPLICATION

THE IDEAL OR IMPERIAL ONE HORSE WAGON



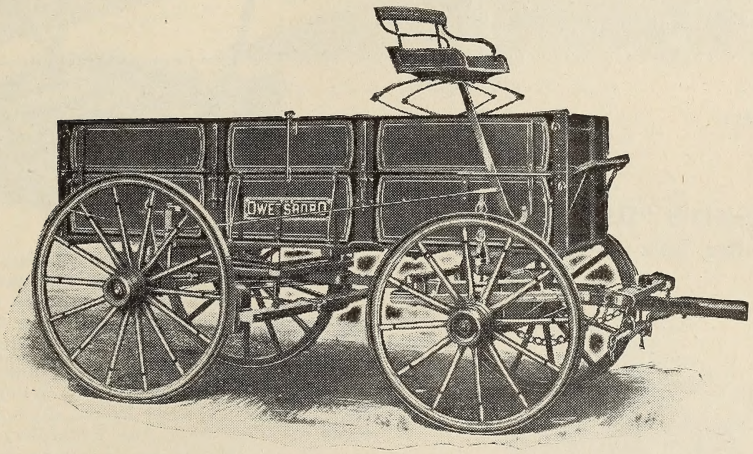
Realizing the demands of the trade in certain sections for a good wagon at a moderate price, we have put on the market the "IDEAL or IMPERIAL" one-horse wagon.

It is made in the same factory as the "Old Reliable Owensboro" wagon, which has been the standard all over the South and West for nearly a third of a century.

With solid steel axle. Size of axle, 1¼x7; size of tire, 1¼x5-16; capacity, 1000 pounds.

Price, complete, with brake..... $40.00

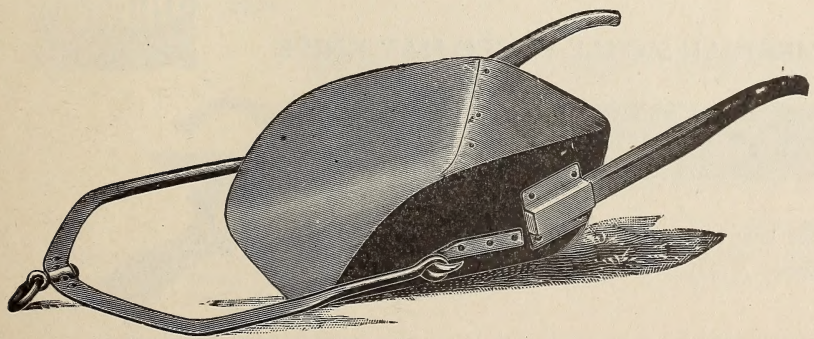
"Old Reliable OwensborO"
OWENSBORO TWO HORSE WAGON



Every person who buys an Owensboro has thirty years of expert wagon building behind it to back it up. The Owensboro is not an untried proposition, but has a reputation all over the country as being a wagon of the very highest standard.

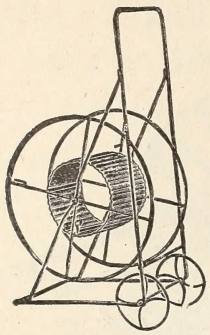
Size of Skein.	Size of Tire.	Capacity.	Weight.	Price, complete, with Gear Brake.
2¾x8½	2-inch.	2500	950	$70.00
3 x9	2-inch.	3000	1050	75.00

SYRACUSE STEEL DRAG SCRAPERS



No. 1—Wt., 80 lbs....$6.00
No. 2—Wt., 75 lbs.... 5.75
No. 3—Wt., 70 lbs.... 5.50

STANDARD GARDEN HOSE

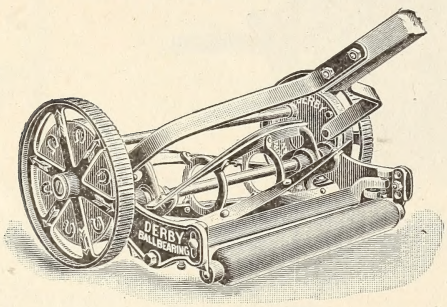


Hose Reel

Our Hose Gives Universal Satisfaction.

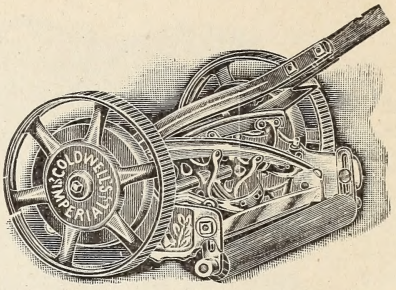
Oriole Moulded Hose.....15c. per foot
Leader, 5-ply ¾-inch.....10c. per foot
Tiger, 6-ply ¾-inch.....12c. per foot
Boston Terrier, 7-ply ¾-inch.....15c. per foot
Dandy Red, 7-ply ¾-inch.....16c. per foot
Bull Dog, 7-ply ¾-inch.....18c. per foot
Olympia Wire Wrap, 3-ply ¾-inch.....12c. per foot
Boston Nozzles.....50c. each
Fountain Lawn Sprays.....60c. each
Mayflower Lawn Sprays.....$1.25 each
Steel Hose Reels.....$2.00 each

TOWNSEND'S "DERBY" Ball Bearing Lawn Mower



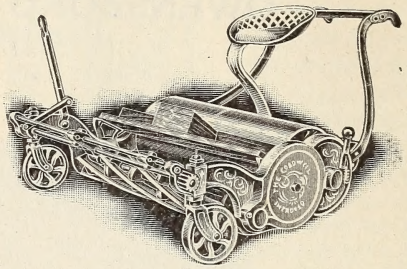
12-inch $6.00
14-inch 6.50
16-inch 7.00
18-inch 7.50

COLDWELL'S Imperial H. W. Lawn Mowers



14-inch High Wheel Mowers.....$ 8.50
16-inch High Wheel Mowers..... 9.00
18-inch High Wheel Mowers..... 10.00
20-inch High Wheel Mowers..... 11.00

COLDWELL'S IMPROVED HORSE MOWERS

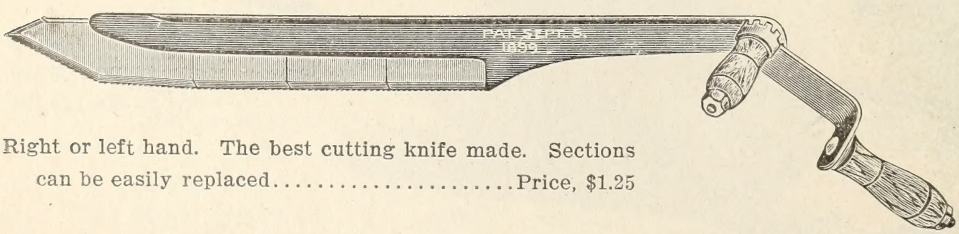


Are fitted up throughout with the best of steel shafting, composition, bushings or bearings, polished oak foot boards. Loring Coe's Knives, etc., and the workmanship is acknowledged by the trade in general to be the best of any Lawn Mower made in America.

These Mowers have been adopted for use by the United States Government at Washington and by the New York City Park Board after competitive exhibitions of work done and durability. Each and every one of the machines is guaranteed to give entire satisfaction to the purchaser.

25-inch, with Whiffletree (no seat or shafts) (4 blades) $45.00
30-inch, complete with seat and shafts (4 blades) 70.00
35-inch, complete with seat and shafts (4 blades) 85.00
40-inch, complete with seat and shafts (4 blades) 105.00
(Add $10.00 to above prices for 6-blade Mowers.)
HORSE BOOTS, per set of 4.....$12.00

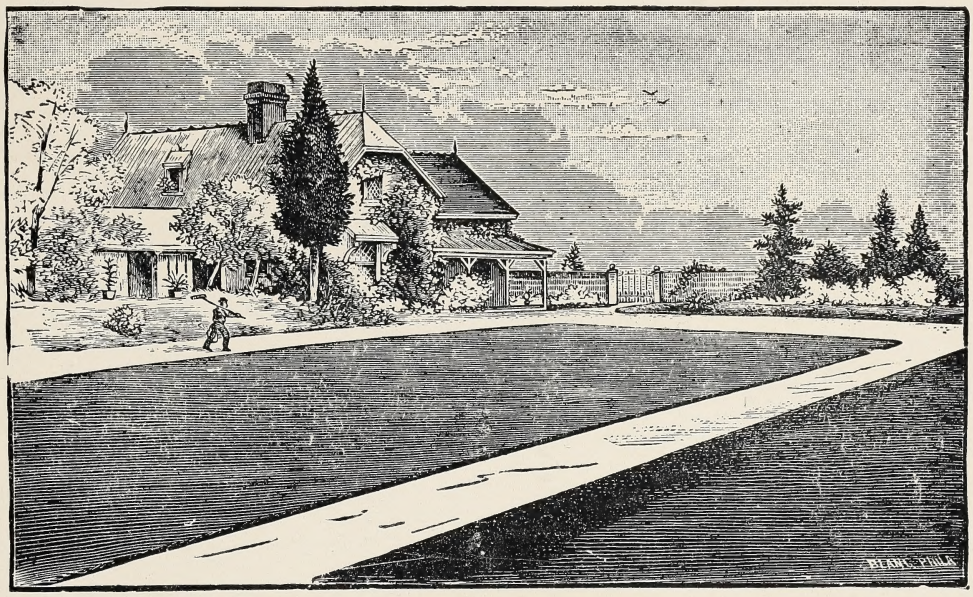
AMERICAN SICKLE-EDGED HAY KNIFE



Right or left hand. The best cutting knife made. Sections can be easily replaced.....Price, $1.25

LAWN GRASS SEED

If you desire a perfect lawn, use our Evergreen Lawn Seed. FOR SHADY PLACES, sow our Shady Nook Lawn Seed. Both kinds, if sown early in the spring, will produce a good lawn by mid-summer.



Put Up by Us and Under Our Own Formula.

FINE LAWNS.—Can only be made by using the best grade of grasses. The proper blending to give satisfactory result needs the study of years. Among some of the most beautiful lawns of Washington and its suburbs are those sown with **"Evergreen" Lawn Grass Seed.**

These seeds should be covered very slightly and a roller run over the ground after sowing. Pint, 10c. Quart, 20c. Pound, 25c. Five Pounds, $1.00. Bushel (of 14 pounds), $2.75.

LAWN GRASS FOR SHADY PLACES AND UNDER TREES.

A selection of grasses that thrive well in shaded situations, under trees, or close to walls where there is little sun. Price: Quart, 20c. Pound, 25c. Five Pounds, $1.00. Bushel (14 pounds), $2.75.

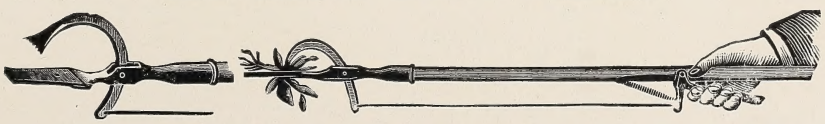
LAWN AND GARDEN FERTILIZER

Old and New Lawns Require Stimulating, after the long drag through winter, or in the fall after the season of cutting and the heat of summer. For this purpose our high-grade bone meal is best adapted to the wants of the lawn. It should be sown broadcast, from the middle of February to the first of May for spring and from September to November in the fall. In preparing a new lawn use a liberal quantity and rake it in thoroughly before sowing the seed. 10 pounds sow enough for 250 square feet. 10 Pounds, 30c. 100 Pounds, $2.50. 200-Pound Bag, $4.50. Ton Lots, $42.00.

PULVERIZED SHEEP MANURE

This is purely a natural and most nutritious plant food, clean to handle, and its effect is immediate and lasting. There is nothing better to mix with soil for potting plants. Florists who use it extensively advise mixing about one-seventh manure and six-sevenths soil. As a top dressing for lawns it is unequaled. Four Pounds, 25c. 10 Pounds, 40c. 25 Pounds, $1.00. 50 Pounds, $1.25. 100 Pounds, $2.00.

CLEVELAND LAWN WEEDER



This little device gets at the root of the evil and removes it bodily.

The curved edge of the blade enters and loosens the soil, pressure on the lever then causes the toothed jaw to grasp the plant, and a slight pull suffices to dislodge it without disturbing the surrounding sod. Price, 60c.

1917 Annual

SEEDS,
FARM TOOLS,
POULTRY
AND
DAIRY
SUPPLIES

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